F.G. Boys High School No.2 Multan

School Information System

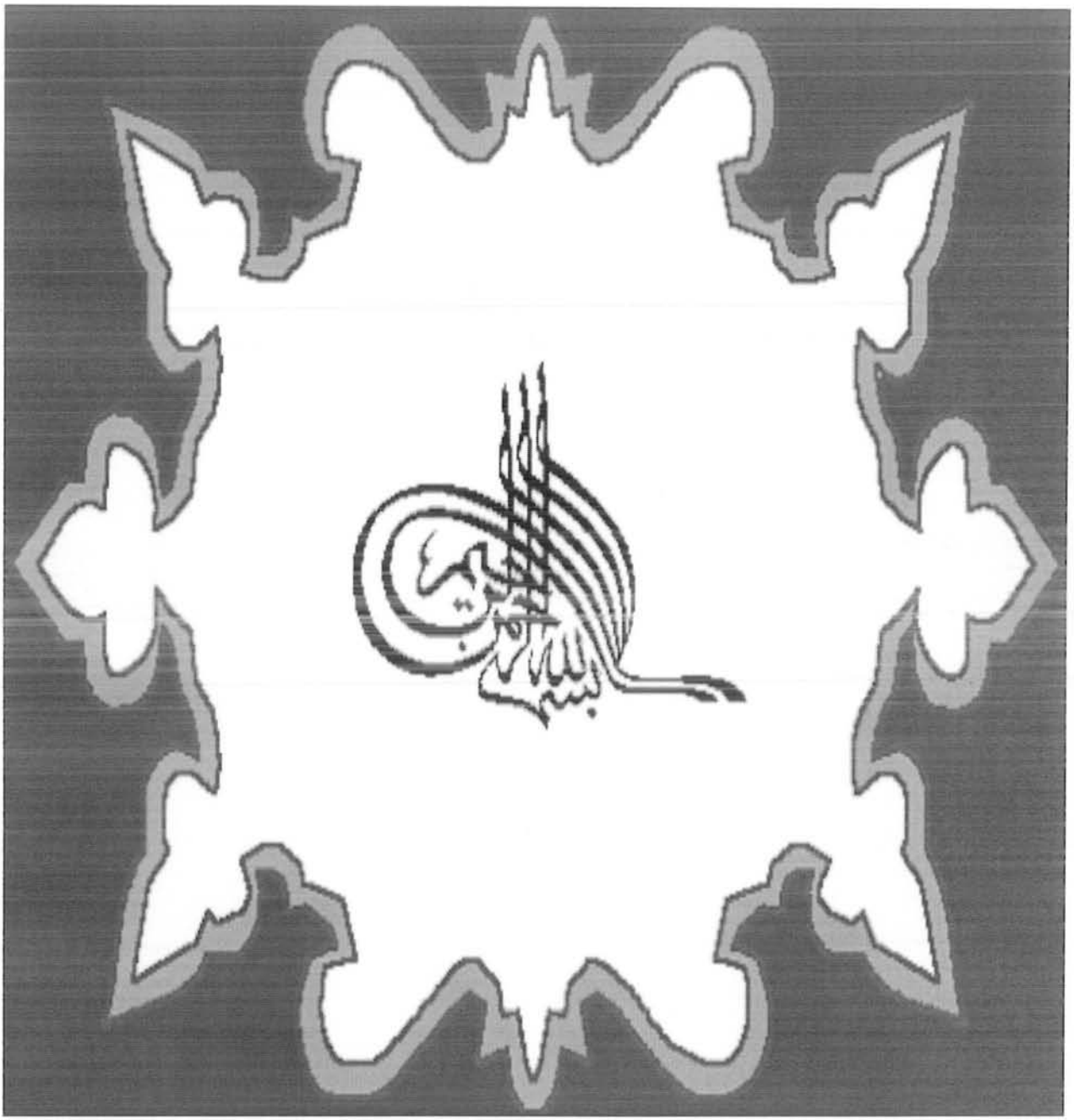
By

Rehan Qamar & Habib Ullah

FGEI (C/G)

A Project Report Submitted to Quaid-e-Azam University
As a Partial Fulfillment of the Requirement for
The Post Graduate Diploma In
Computer Science

Computer Centre
Quaid-e-Azam University
Islamabad
July 2003


بسم الله الرحمن الرحيم

THE PROPHET SAID

"NAME YOURSELVES WITH MY NAME (USE MY NAME) BUT DO NOT NAME YPURSELVES WITH MY KUNYA NAME(i.e. ABUL QASIM). AND WHOEVER SEES ME IN A DREAM THEN SURLY HE HAS SEEN ME FOR SATAN CAN NOT IMPERSONATE ME. AND WHOEVER TELLS A LIE AGAINST ME(INTENTIONALLY),THEN(SURLY) LET HIM OCCUPY HIS SEAT IN HELL-FIRE".

(SAHIH AI-BUKHARI HADITHHADITH 1.110 NARRATED BY ABU HURAIRA)

DEDICATION
TO
Our parents
Who have put all their
Efforts to make us
Stand where we are
Today

ABSTRACT

This project was offered to develop a computer based package to aid the school information system like admission system, dues system, examination, classes, teacher information, school leaving certificate, science laboratory, school expenditure system, student(award, scholarship, punishment) system.

This package is entirely menu driven, user friendly environment and facilitate the administration.

ACKNOWLEDGEMENT

We are grateful to Almighty Allah, The Most Benevolent, The Most Merciful, Who has empowered and enabled us to accomplish the task successfully.

We wish to express our sincere gratitude, heartiest obligations and appreciation to our respected supervisor Mr.Abdual Subhan for his kind help, advice, guidance and inspiration during the studies.

We are deeply thankful to our honorable teacher of computer center who gave us knowledge.

We are also thankful to them for vigilant supervision, providing such a good environment and a chance to work under his experienced personality.

We would like to add a few words for our director of computer center Mr.Ghulum Muhammad , Deputy. Director Mr.Nazim , program co_ordinator Mr.Javed Hussain , Mr.Sher Muhammad, Mr.M.M .taiwana, Mr.Khalid Bashir, Miss Uzma Fayiaz for all encouragement through out the academic session.

We will never forget the warm assistance of all our class fellows and friends for their encouragement, moral support and kind co operation during our stay at university.

We would like to admit that all our achievements owes to our truly, sincere and most loving parents who are every thing to us and whose prayers are source of determination for us. we can not forget our loving parents, teachers and loving relative the way they encouraged, helped and guided us at every stage of our life.

REHANQAMAR
&
M.HABIBULLAH
JULY, 2003

PROJECT BRIEF

PROJECT TITLE	School information system
OBJECTIVE	To computerized the school For easy approach to administration
UNDERTAKEN BY	Rehan Qamar & M.Habibullah
SUPERVISED BY	Mr.Abdual subhan
STARTING DATE	April 30,2003
COMPLETION DATE	July 10,2003
LANGUAGE USED	Micro Soft Access
SYSTEM USED	Pentium IV
OPERATING SYSTEM	Window 98

DEPARTMENT OF COMPUTER CENTRE
QUAUD-I-AZAM UNIVERSITY
ISLAMADAD
FINAL APPROVAL

This is certified that we have read the thesis submitted by

REHAN QAMAR
&
M.HABIBULLAH
Student of
QUAID-I-AZAM UNIVERSITY
ISLAMABAD

And our judgement this dissertation is of sufficient standards to warrant its acceptance by the QUAID-I-AZAM UNIVERSITY for the award of Post Graduate Diploma in Computer Science.

Submitted To

EXTERNAL EXAMINAR _____

SUPERVISOR
Mr. Abdual Subhan
Computer Center
QUAID-I-AZAM UNIVERSITY
ISLAMABAD _____

DIRECTOR
Dr. Ghulum Muhhammad
Computer Center
QUAID-I-AZAM UNIVERSITY
ISLAMABAD _____

TABLE OF CONTENTS

CHAPTER

1

INTRODUCTION

NEEDS OF COMPUTERIZED SYSTEM

Now a day the whole world is moving towards more and ever more computerization. The advantages having so much information on line is leading to extinction of encyclopedias and text book....in easiness It is creating paperless environment and become part of life.

Therefore, this project is according to the current trends and needs of the day. This project is about the school information system. For strong computerized system, it is necessary that

- Well observed the field which has to be computerized.
- Data should be collected carefully related to the fields which have to be computerized in order to develop a useful design.
- Select the suitable system to implement the new computerized system.
- Simple and understandable user guide should be provided.

It is felt that a computerized system will overcome the problems and will be more reliable.

In the existing system, a lot of manual work is done by the administration. Different documents and registers are used in this system. The school administration faces a variety of problems. So the administration wants to improve the system in order to achieve the maximum benefits.

In this project we are going to discuss some general information about school system like admission system, dues system, teacher information system, exam system, timetable, school expenditure system, School Leaving Certificate, Science Laboratory, Award, Scholarship, and Punishment System.

In 1977 army took the charge of all Cantt Board Institutions. These institutions were named as Federal Government institutions. This school is

situated in very important place in Multan Cantt.The name of this institution is F. G. Boys High School # 2 Multan Cantt. This institute is from class 1st to 10th.

Science subjects are taught in high classes. This institute is the big one in Multan region.

There are 60 staff members and 1500 students.

OBJECTIVES

This institute peruses the following objectives

- Provide good education to student.
- Create an environment where education and information is easy to learn.
- Make good member of the society.
- To produce the high character and confident personality

To keep all information of the persons involved in this system, the institute required huge amount of stationary, furniture and sufficient member of employees. So many amounts will be spent on all these. It is difficult to maintain the privacy and security of information because paper files may be easily accessed by the unauthorized person or may be destroyed or stolen. Thus a computerized *School Information System* (SIS) is purposed to provide accurate reliable and timely information to the management.

CHAPTER

2

EXISTING SYSTEM

In existing system, all information about school is being maintained manually where different registers and documents are used. Here we discuss how the present school system is working step by step?

ADMISSION SYSTEM

Firstly it is advertises that admissions are open in school

After this admission forms are issued which are collected dully filled. After the collection of forms, a qualifying student test is held .Those who pass the test are offered admission .After admission , a report is prepared for those students who have got admission in the current year .This report is send to the higher authority .

DUES SYSTEM

After getting the fresh admission in school, a student must pay his dues according to his category. Those students who fail to pay his dues in the given date, their admission do not confirmed .And next one offer for admission. After getting admission, students must pay his monthly fee. Those who fail to pay his monthly fee, they are expel from school at the end of the month .A class teacher collects the dues and after collecting the dues, he deposits the dues in the account office. Accountant then deposits this amount in the bank.

EXAMINATION SYSTEM

In present examination system a lot of time is required in setting the papers, sorting the papers, taking the examination, making the scripts, marking the papers, tabulating the result and preparation of reports. After the compilation of the result, a general report is prepared about the result and sends it to the higher authority.

AWARDS/SCHOLORSHIP

Students showing extra-ordinary performance in studies, co-curricular activities and special cases are given awards/scholarship

A committee sorts out the works of students and decides about the award or scholarship

This committee sends the list of students to the director of the department for approval

LABORATORY SYSTEM

In science laboratory, some practical work is done by the student related to their subject under the supervision of lab- incharge. A student gives the list of apparatus and lab-incharge provides the apparatus. Students start their works. When any apparatus breaks during practical, lab-incharge notes it on a register and prepares a report of the damage apparatus. After this a committee eliminates this apparatus from the stock. Similarly when a new apparatus is required for the laboratory, lab-incharge prepares a report and submits it to the principal for the approval. The lab- incharge inform the supplier to provide the required apparatus with the approval of the principal. Bill is paid by the accountant at the report of the lab-incharge.

SCHOOL EXPENDITURE

First a report is prepared about the type of the expenditure. Principal allows the relevant staff to make the expenditure.

Big project are sanctioned only by the director of the department. After the approval of the director, these projects are accomplished.

TEACHER INFORMATION

Teacher's particulars are written by a clerk on register. A clerk maintains this register when a new entry comes or a staff member transfers to other station .after this documentation, a report is prepared which is later on sent to the director of the department.

Note: When large number of reports is send towards the director, he faces a variety of problems in receiving and sending the answer of these reports. He wants to improve his system in order to get maximum facilities. A computerized system will provide these facilities instead of manual works.

CHAPTER

3

PROBLEM DEFINATION

THE NATURE OF PROBLEMS

There are so many drawbacks in the existing system but in which some of them are described below.

- A lot of time is required to retrieve the information about any school relative particulars.
- A lot of paper work is done to prepare the report and maintain the records.
- No specific format of reports is available at present system.
- Unnecessary expenses for maintaining the record.
- Loss of record is also a problem.
- Records are not maintained in a proper way.
- It is difficult to prepare a report in a specifics month or year on a particular subject.

PROBLEM DEFINATION

Finding the answer to the following questions it will help to define the problem.

- Is the problem is worth solving?
- Is a computer is available?
- Do I know how to use a computer?
- Is the computer equipment available in the market?
- What programming language will be used?
- What are the inputs and outputs?

- Whether I can do this project within time limit?

OBJECTIVES

The purposed computerized system is the solution for most of the these problems and basics requirements of the package.

- Better management to control the system.
- Easy to prepare various reports.
- Improve the accuracy and time consumption.
- Data entry and validation.
- Codes will be designed to reduce the typing and storage.
- Implementation of checks and methods which will ensure validity of data.
- Processing of different type of transaction.
- Redundancy of data should be eliminated in order to avoid in constancies of the data.
- Effective use of technology.
- To purposed steps in order to over come the problem and difficulties.
- To design an efficient school information system.

CHAPTER

4

Proposed System

After studying the nature of the existing system and the problems in retrieving and updating the information a new computer based system is purposed in order to meet the requirements of the user. The proposed system is computerized and has electronic data processing which makes the system more efficient, economical, reliable and error free.

This chapter explains the objectives of the proposed system, its differences from the existing system, input of the system and describe the software and hardware selection.

PHASES OF THE PURPOSED SYSTEM

- Analyzing the problem.
- Requirement specifications
- File designing
- Program designing.
- Developments.

ANALYZING THE PROBLEMS

It contains the problem statement. It is discussed in chapter # 3.

REQUIREMENT SEPCIFICATIONS

- Out put specification
- Input specification
- Processing specification

OUT PUT SPECIFICATION

Out put is specified first to define the goal. i.e. "The Required Result". Specification of the result is both in visual and printed form.

INPUT SPECIFICATION

Specification of the input is also in both visual and printed form. Visual charts may be drawn up for input data .An other approach is simply to list the field name, field location and types of data.

PROCESSING SPECIFICATION

The processing requirements where by input will be transferred into required out put, also must be spelled out in detail.

FILE DESIGNING

All purposed file must be normalized to minimize redundancy .The whole data base should be at least in third normal form where a data base is a collection of related data (files) about un enterprise with multiple uses .The major concept of relational data model used in developing the conceptual model is the normalization process .simple normalization process is the process of grouping the data elements into table representing

Entities and their relationships .The normalization rules can be viewed as:

FIRST NORMAL FORM

A relation is in first normal if all underlying domain contains atomic values.

SECOND NORMAL FORM

A relation is in second normal form if and only if it is in first normal form and every non key attribute is fully functional dependent on the primary key.

THIRD NORMAL FORM

A relation is in the third normal form if and only if it is in second normal form and no non key attribute depends on the other non key attribute.

PROGRAM DESIGNING

See in next chapter # 5

DEVELOPMENT

See in next chapter # 6

OBJECTIVES OF THE PROPOSED SYSTEM

- To convert the manual processing into computerized processing.
- To reduce extra paper work
- To reduce the number of documents and registers.
- To retrieve information quickly.
- To reduce the chances of errors.

CHARACTERISTICS OF THE PROPOSED SYSTEM

Following are the characteristics that system may contains.

ACCURACY

The system should provide accurate and error free information needed for decision making.

USER FRIENDLY

Authorized staff should communicate with the system through simple conversion. No specialized computer staff should be needed.

EFFICIENCY

The proposed system should be faster and efficient.

DATA SECURITY

It must refer to protection of the data from any loss or destruction. The data required for decision making in very important and valuable.

RELIABILITY

The purposed system should be more reliable then existing system.

PRODUCTIVITY

A significant reduction in clerical task leads to more improved staff productivity.

ECONOMY

The purposed system should be more cost beneficial as compare to the existing system.

QUERIES

One major object of establishing a data base is to retrieve information quickly and efficiently. Queries are the standard that retrieves the information on the screen in any combination. i.e. data in the various fields of table can be displayed in any combination.

Queries in the purposed system have been provided, keeping in mind, the questions that may be arise in the user mind regarding retrieval of desired information from the system.

REPORTS

Reports are also a form of query that is printed on paper. The reports produced by the system are well formatted, detailed and according to the user requirement. The report could also be helpful for the management of institution's progress.

CHECKS

Various checks are implemented in the system particularly on data entry, updating and deleting the module to ensure data validity, integrity and consistency. These checks will prevent the user from entering data. Some checks are built in and some are self determined.

SOFTWARE SELECTION

Software selection is very important and it depends upon the problem that you are going in to solve. There are three aspects of database. Input, output and the program that manages all the options and storage of information. It is very important to choose a suitable software.

HARDWARE CONSIDERATION

The hardware and operating system requirements for the proposed system are:

Processor:	266 MHz
Main Memory:	128MB
Hard Disk	4GB
Monitor:	VGA Color Monitor
Printer:	Laser Printer/Dot Matrix
Operating System	Windows. 98

CHAPTER

5

PROGARM DESIGN

INTRODUCTION

Now we know the program requirements, we must outline the program that will meet the requirements. The program design is like producing blue prints for the builder or the electrical schematic for an integrated circuit.

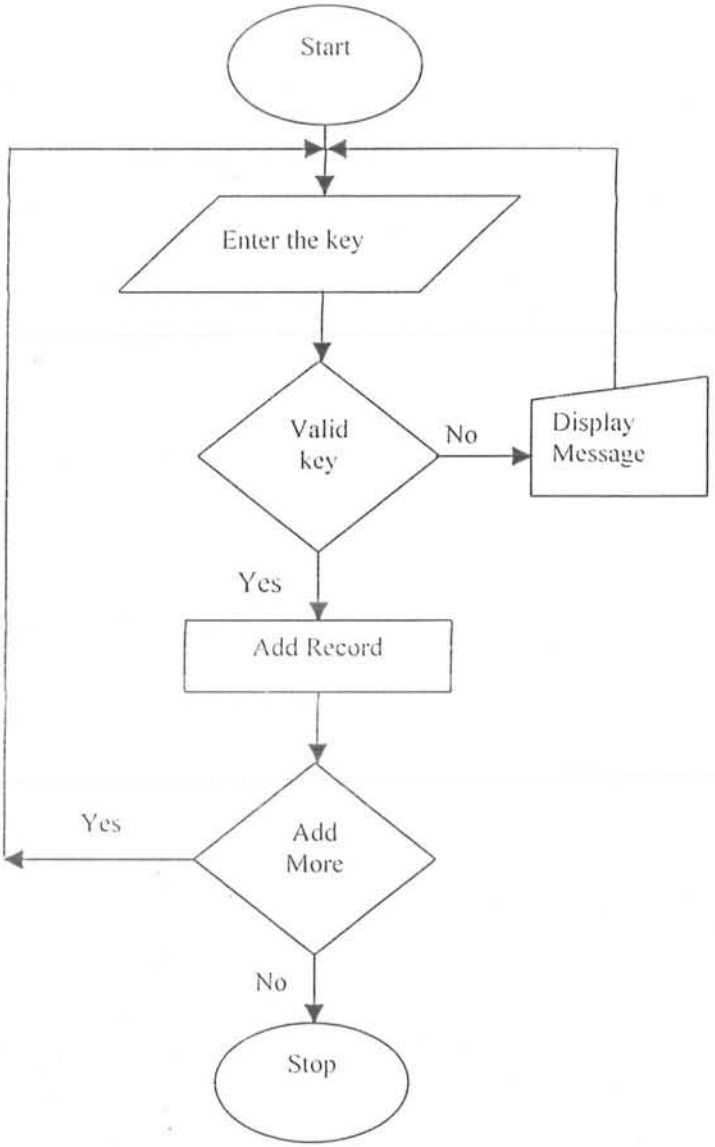
Top down program design is the general process of going from a large complicated program to a series of small problems. Each have a greater probability of being soluble then the original problem.

In other words top down program design breaks down complex problems into many easier to handle sub program or modules, where

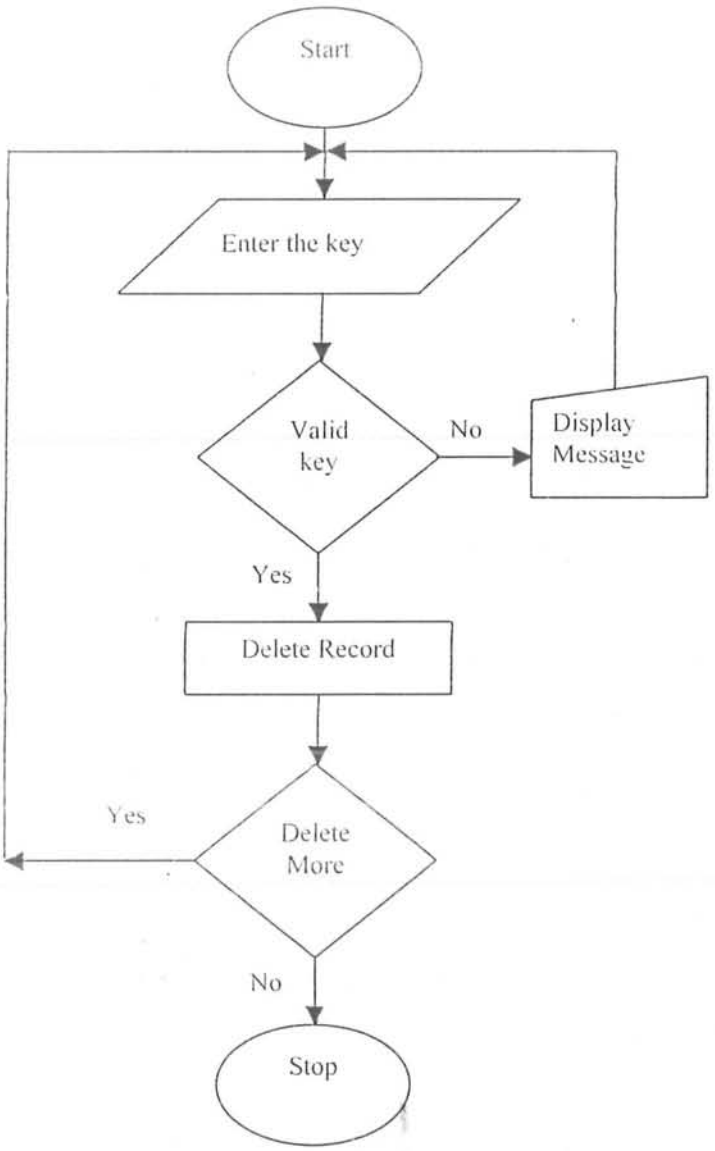
- Each module should be small & independent of other modules.
- Each module should have only one entry and only one exit point.
- When a module is complete, control should pass to module controlling it.

Block diagram and flow charts are made, algorithms are written in the program design phase.

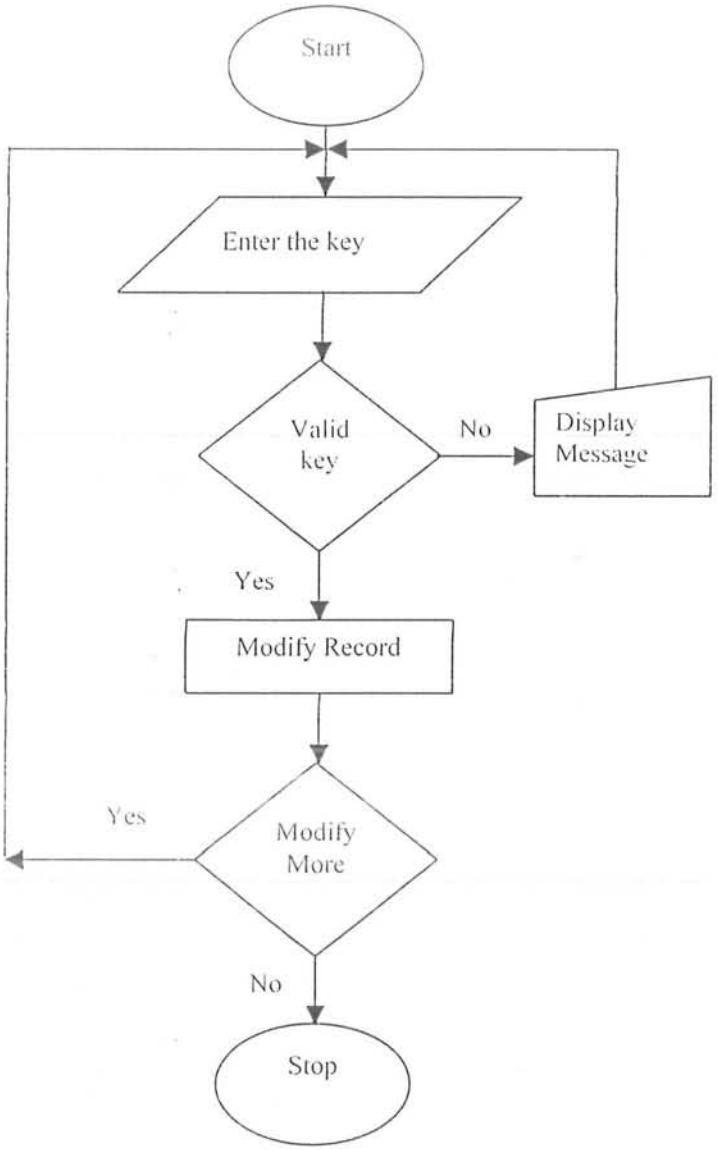
ADDITION OF RECORDS



DELETION OF RECORDS



MODIFY OF RECORDS



CHAPTER

6

DEVELOPMENT

LANGUAGE SELECTION

There are many languages which are used to solved the problems of the users. Each language has its own nature and different scope of applications .so the selection of the language is very important for the development of software. Keeping in mind all the situations, I have selected Micro Soft Access .Because

- It is more efficient.
- Its processing is fast.
- It has powerful report builder.
- The cost per transaction is very low.
- Keep a tight control of data redundancy.
- Ensure that data can be shared across applications.
- Enforce data access authorization.
- It has the centralized data dictionary for the storage of information pertaining to data and its manipulation.
- It has security features.

CODING THE PROGRAM

After algorithm have been developed it must be changed into instructions which the computer understands. The process of changing the steps in the algorithm to instructions, written in the programming language is called coding. some basic guide lines for written the programs are following.

- keep program simple & straight forward.
- Write the program so that future changes and revisions can be made easily.

- Uses commit statements where ever possible to make the program easier to understand.
- Use meaningful data names and labels.
- Place all inputs, outputs, statements & program specifications in their respective groups so that you can find them easily in case of change or error.

PROJECT BUILDING

When all the coding of the program has been completed then the program modules are compiled into a single project using project builder.

CHAPTER

7

TESTING

SYSTEM TESTING

The object of testing is to determine whether the program satisfies the requirements of the user. It will not satisfy some requirements, if it still contains errors. All the newly written or modified application programs as well as new procedural manuals, new hardware and all the system interfaces must be tested thoroughly. Haphazard, trial-and-error testing will not suffice.

Test is done through out systems developments not just at the end. It is meant to turn up here to fore unknown problem. Not to demonstrate the perfection of the programs, manuals or equipment . Although testing is tedious, it is an essential series of steps that helps assure the quality of the eventual system. It is for less disruptive to test before hand the then to have a poorly tested system fail after installation. Testing is done on many different levels at various intervals. Before the system is put into production, all programs must be desk checked, checked with test data and checked to see if the modules work together with one another as planned. A system is tested for online response, volume of transactions, stress, recovery from failure and usability the system as a working whole must also be tested. This includes testing the interfaces between subsystem, the correctness of output, usefulness and understandability of the system documentation and output.

PROCEDURE FOR SYSTEM TESTING

- Unite testing is testing changes made in an existing or a new program.
- Sequential or series testing is checking the logic of one or more programs in the candidates system where the output of one program will affect the processing done by another program.

- System testing is executing a program to check logic, changes made in it and with the intention of finding errors making the program fail.
- Effective testing does not guarantee reliability. Reliability is a design consideration.
- Positive testing is making sure that new program do in fact process certain transaction according to specifications.
- Acceptance testing is running the system with live data by actual user.

PROGRAM TESTING WITH TEST DATA

Much of the responsibility for program testing resides with the original author of each program. At this stage programmer must first desk check their programs on paper to check whether the routine works as it is written. Next programmers must create both valid and invalid test data. These data are then run to see if base routines work and also to catch errors.

LINK TEST WITH TEST DATA

When programs pass desk checking and checking with test data, they must go through link testing which is also referred to as a string testing. Link testing check to see if programs that are independent actually work together as planned.

FULL SYSTEM TESTING WITH TEST DATA

When link test are satisfactorily concluded the system as a complete entity must be tested. At this stage, operators and end-users become actively involved in testing. Test data created by system analyst for the express purpose of testing system objectives are used.

FULL SYSTEM TESTING WITH LIVE DATA

When systems using test data prove satisfactory, it is a good idea to try a new system with several passes on what is called "LIVE DATA" --- data that have been successfully processed through existing system.

VOLUME TESTING

In this test we create as many records as would normally be produced to verify that the hard ware and software will function correctly. The user is usually asked to provide test data for volume testing.

STRESS TESTING

The purpose to stress testing is to prove that the candidate system does not malfunction under peak loads. Unlike volume testing where time is not a factor, it subjects the system to a high volume of data over a short time period. This stimulates an on line environment where a high volume of activities occurs in spurts.

RECOVERY AND SECURITY

A force system failure is induced to test a back up recovery procedure for file integrity in accurate data are entered to see how the system responds in terms of errors deduction and protection. Related to file integrity is a test to demonstrate that data and programs are secure from unauthorized access.

DEBUGGING THE PROGRAM

If during the test procedure any error is found or if the program is not working correctly, then it need to be debugged, where debugging means to locate and remove errors.

DOCUMENTING THE PROGRAM

Documentation includes paper work, English language descriptions, diagrams, forms, user's guide, input/output specifications, flowcharts etc.

documentation is necessary otherwise it will be difficult to add capabilities and modify the program as requirements change. a tested program is often stored on disk or tape while a program may be capable of fulfilling the task for which it was designed, the program will be difficult to use unless the operator knows the inputs necessary for the program and the output it produces.

CHAPTER

8

IMPLEMENTATION

INTRODUCTION

In this phase we discuss, how to implement the system? Also performance of the system is access and evaluated. To improve the performance, the draw backs in the system and suggestions are also given the process of assuring that the system is operational and then allowing users to take over its operation for

the use and evaluations called implementation. The system analyst has several approaches to implementation that should be considered as the change over to the new system is being prepared. These include shifting more computer power to the users via an information center and or distributed processing, training users, converting from the old system and evaluating the new one.

INFORMATION CENTER

the first approach to implementation concerns the movement of computer power to the individual user by setting up an information center or shifting computer power and responsibility to the groups with the help of distributed computing.

TRAINING USERS

The second approach to the implementation is using different strategies for training users and information center personal including taking them on their level, using the Varity of training techniques and making sure that each user understands any new role that he/she must enact because of the new information system.

CONVERSION STRATEGY

Another approach to implementation is choosing the conversion strategy. the analyst needs to weight the situation and purpose a conversion plan that is appropriate for the particular organization and information system, there are five conversion method for implementation.

1- DIRECT CONVERSION

In this method of conversion, manual system is entirely replaced by the new system. then the presently working system is abandoned and the new system because of complete operation on the real data.

2 - PARALLEL CONVERSION

This allows us to compare both the old and new system. Both system run simultaneously and the merits and demerits of both are observed. If new system gives some fault then they are tried to remove while the old system continues to run.

3- PILOT CONVERSION

In this method of conversion the new system is partially implemented, until it can be determined that the new system works correctly.

4- MODULAR PROTOTYPE CONVERSION

This approach to conversion uses the building of modular operational prototypes to change from old system to new in a gradual manner.

5- DISTRIBUTED CONVERSION

This refers to a situation in which many installations of the same system are contemplated

as is the case in banking or in franchises such as restaurants or clothing stores.

- Keeping all the five methods mentioned above, in view the parallel conversion methods seems to be most suitable. This approach is selected because

- It is normally the safest and suitable conversion strategy.
- It minimizes the problems that may arise from system failure.
- It provides the opportunity to compose the result of existing system those of newly developed system.

Although it is difficult to handle two systems side by side. But it is the best method to judge the efficiency of the designed system.

In future improvements can be made according to the requirements.

CONCLUSION:

In the end, we would like to say that developing system was an interesting experience for particular point of view. We learn a lot during this process. It is not just base in assumption but an actual work.

CHAPTER

9

User's Guide

Introduction

The system develop is menu driven and specially designed toolbar along with the tool tips help the user to understand the interface easily. Proper error messages and small tips are available at every phase. However to make the system work efficiently and with out any ambiguity, this guide may be helpful for the user of this application.

Log in and out

Window 98 operating system installation is the first step towards system implementation. second step is micro Soft Access installation. It also performs maintenance and monitoring function such as

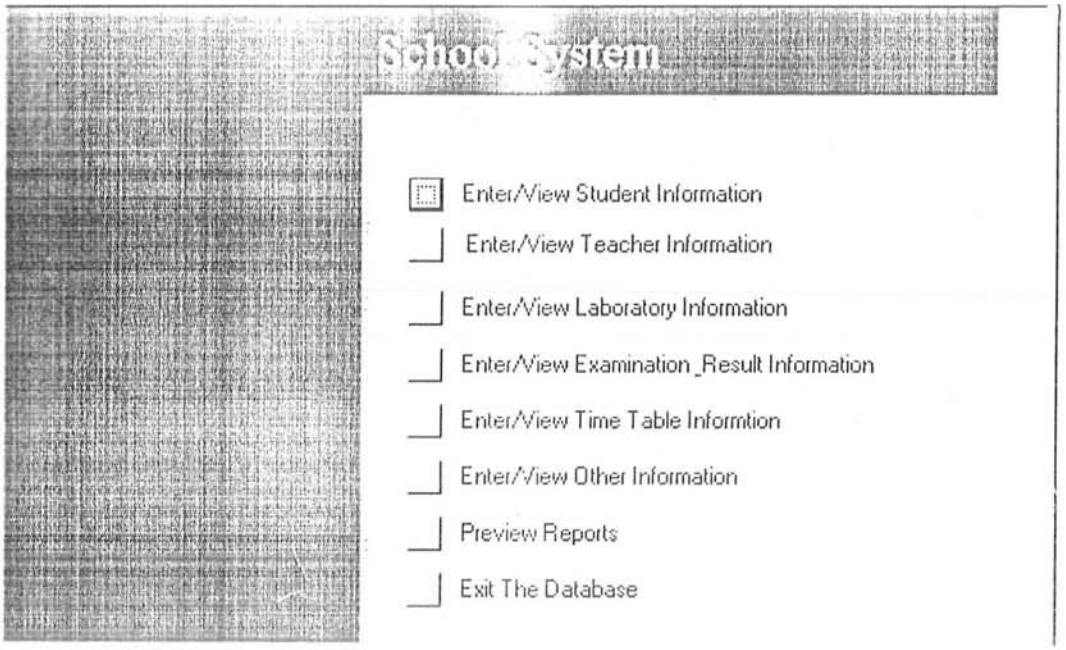
- Initial data creation
- Data backup

Starting the system

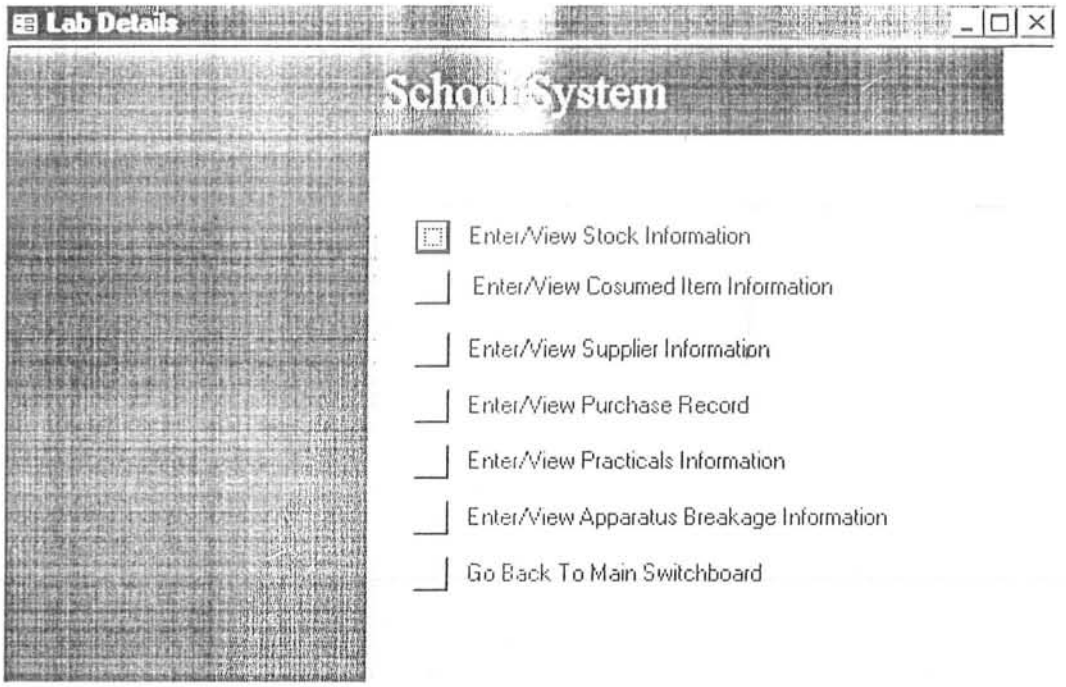
First click the "START" icon on the desk top then "PROGRM" then "Micro Soft Access" and finally click the start database icon.

OR

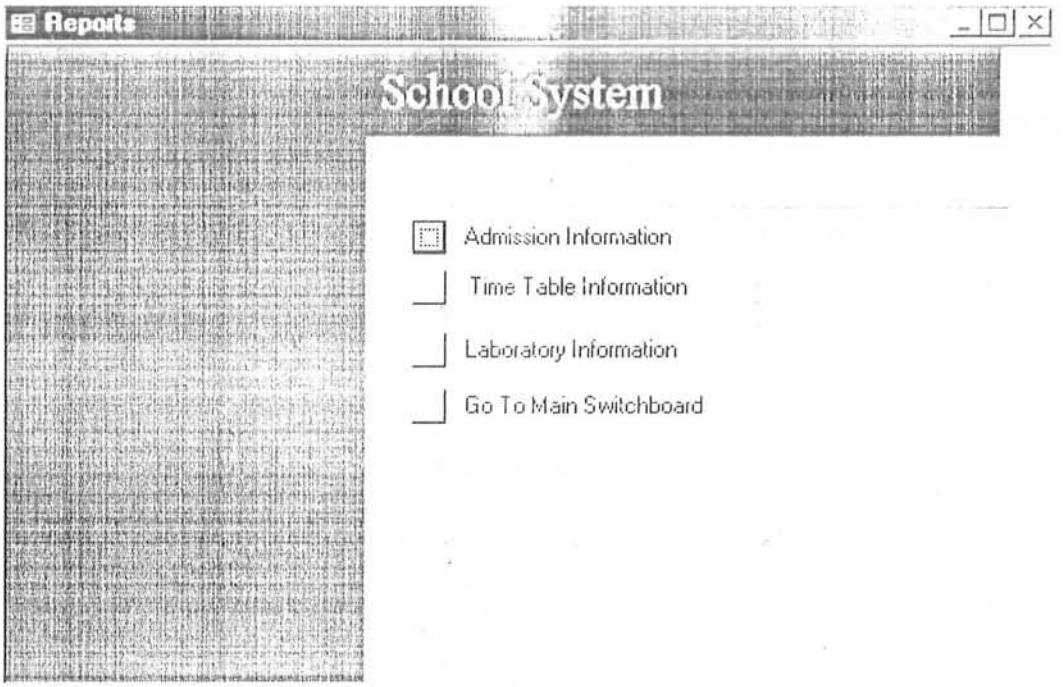
if there is an icon of "Micro Soft Access" is present on desktop, double click this icon then click the start database icon, after clicking in both cases we shall see the message "Enter the password". After giving the password, we connect to the database. After a while a main switchboard is appeared as shown in fig:



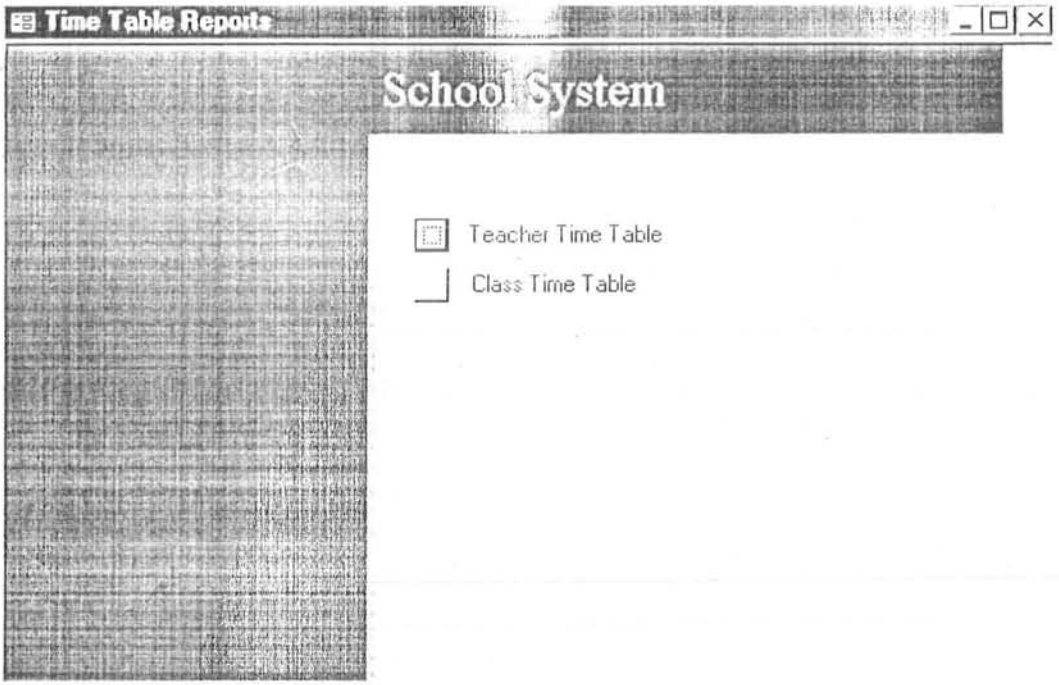
When user will click any option, system will show the required form or report. In this switchboard when user click any option, a sub menu is opened which have some option too. Clicking these options, user can open the form or reports as required. For example when user will click "Laboratory System" its sub menu is opened as shown in fig:



if user wants to go back to main switchboard, just click the "Go Back To Main Switchboard" button. Similarly when user will click on preview report, reports submenu will open as shown in fig:



These options have also submenu. For example just click on the "Time Table Information" a submenu will open as shown in fig below:



Similar work will be done for other options too to see reports or forms

Now if user wants to shutdown (close) the database click on the "Exit the Database" button provided on the main switchboard.

Forms

Various form layouts have been designed to enter and retrieve data from the database. They form the bases of the database.

Editing fields

It is the button line of the screen on which information about the status is displayed.

Record Manipulation

There are three operations possible on a database table i.e. addition, delete, modify.

1. Add Records

If a user wants to add a new record, he/she will have to adopt the following criteria.

- The record which he/she wants to inserts, must be displayed.
- Select your required table in which you want to insert the record.
- Selected table or form will be opened and he/she will be able to insert the record.

After you have finished entering the records close the database, a message will appear "do you want to save the changes" click on "yes". Your database will be closed after a while.

2. Delete Records

In order to delete a record from a table, user should follow the following steps.

Open a table in which a record has to be deleted, place the cursor on the first field of the table and select the field and press "DELETE" button on the key board. This will delete the record on the current field.

3- Modify Records

To modify already existing records is quite simple job. In this case, open the form or table and place the cursor under the first field in the form or table and you can change the record. To make these changes permanent only close the required table or form, it will automatically save the changes.

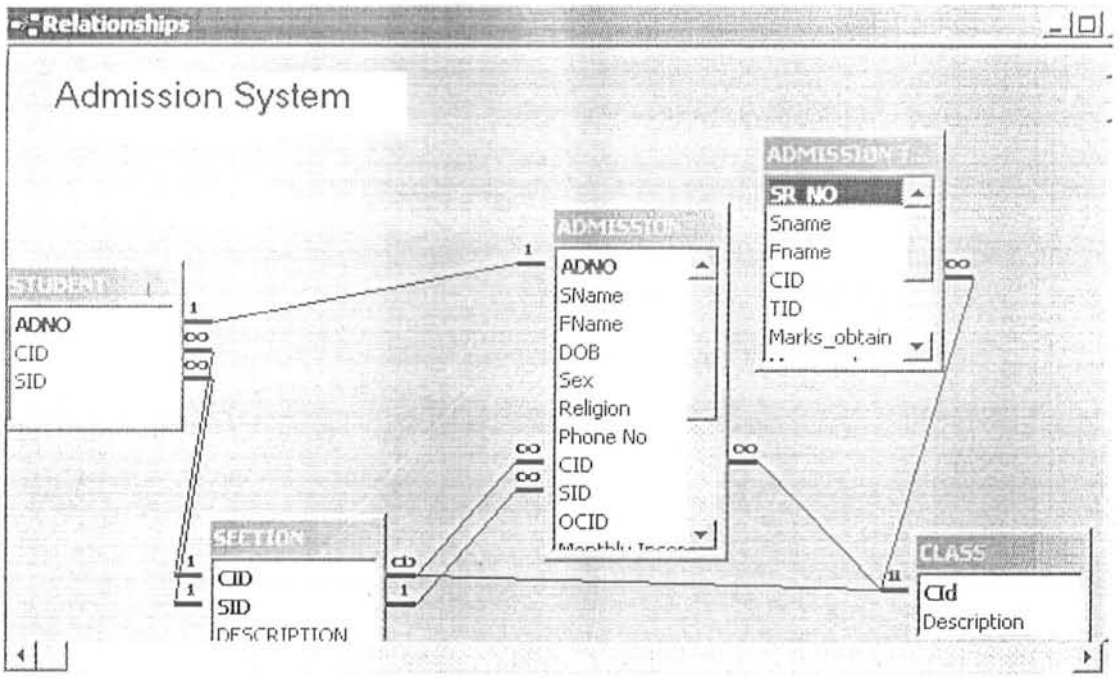
Special Consideration

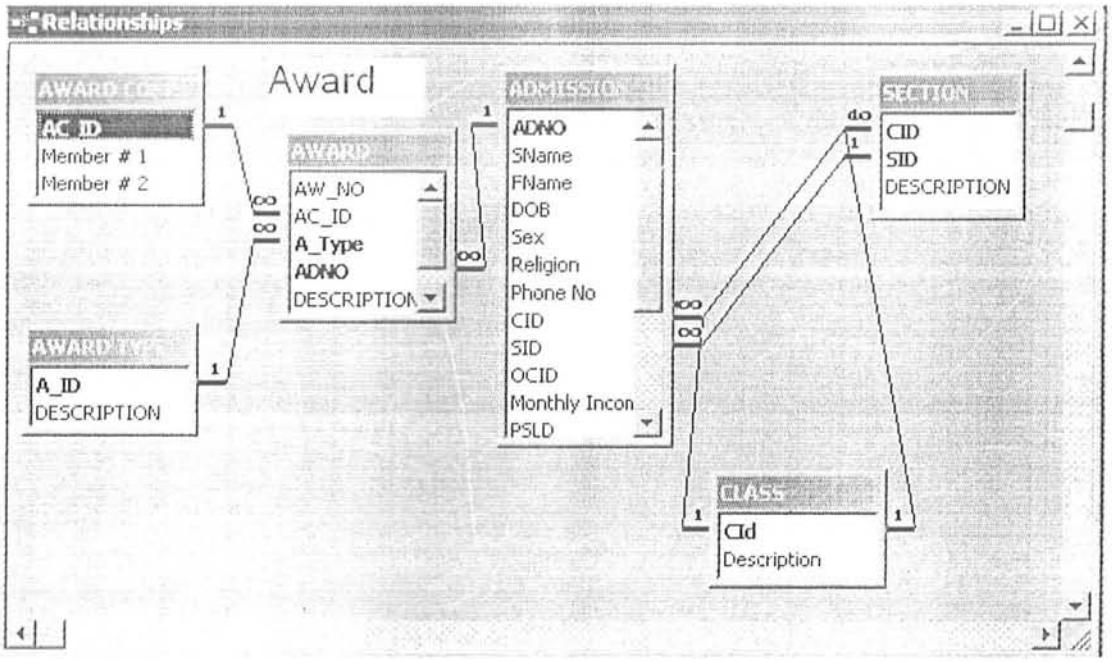
The system has been developed in "Micro Soft Access". So to operate the system it is necessary that the user must have enough knowledge of window 98.

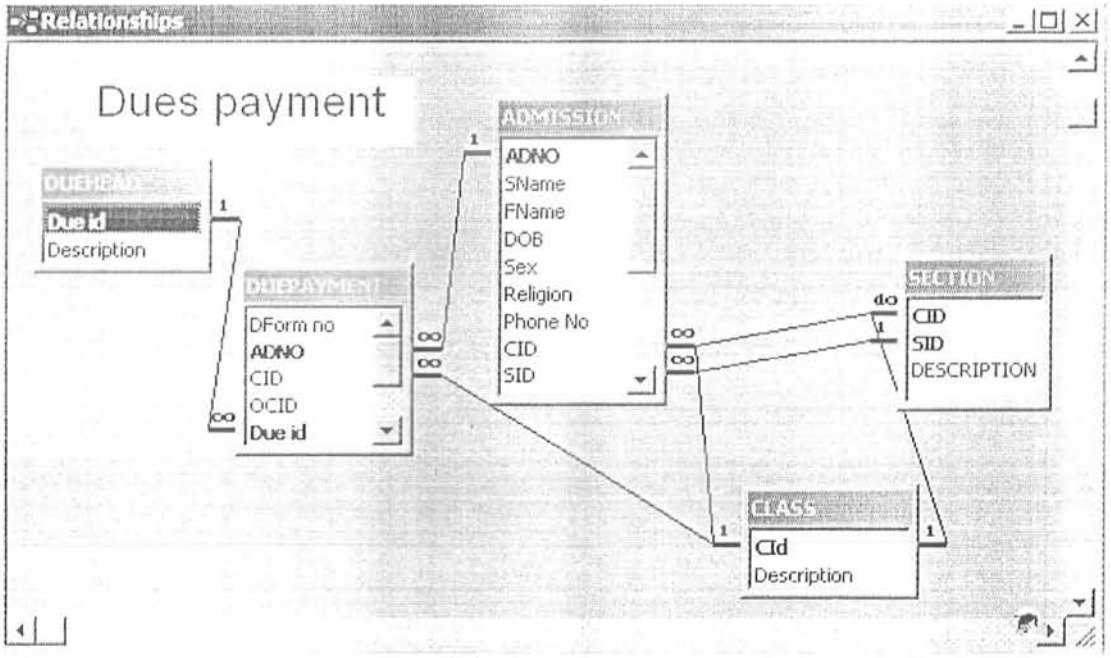
Every user must have the login password assign to him/her by system administrator. Then he/she has the authority to access the system. The

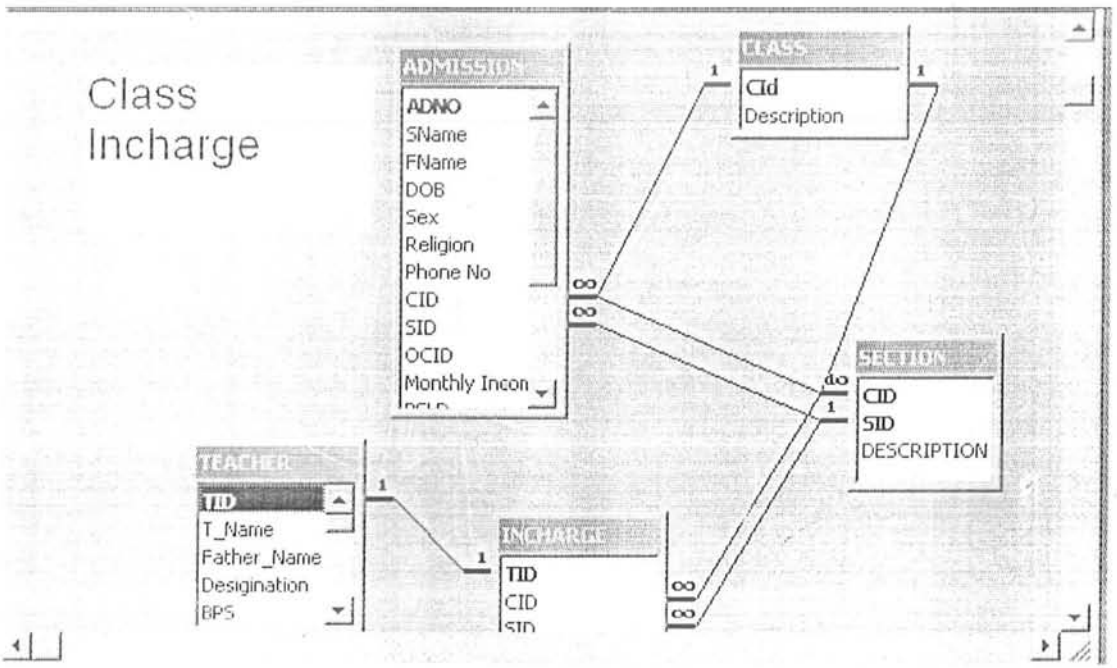
system should be shutdown carefully, other wise it may be the result in loss of data.

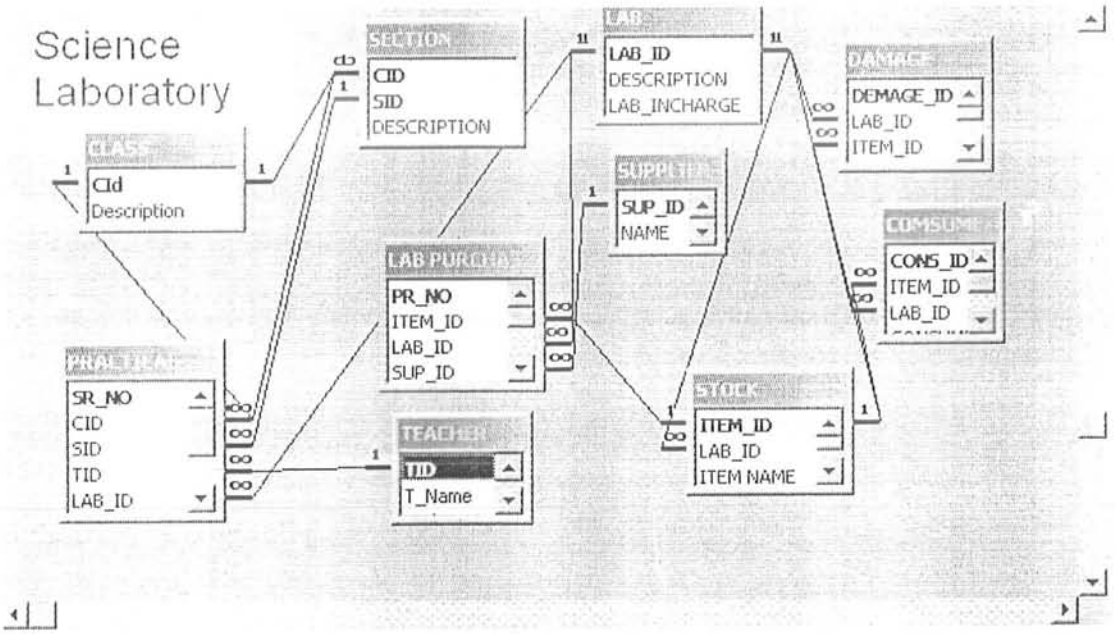
APPENDIX-A ERD

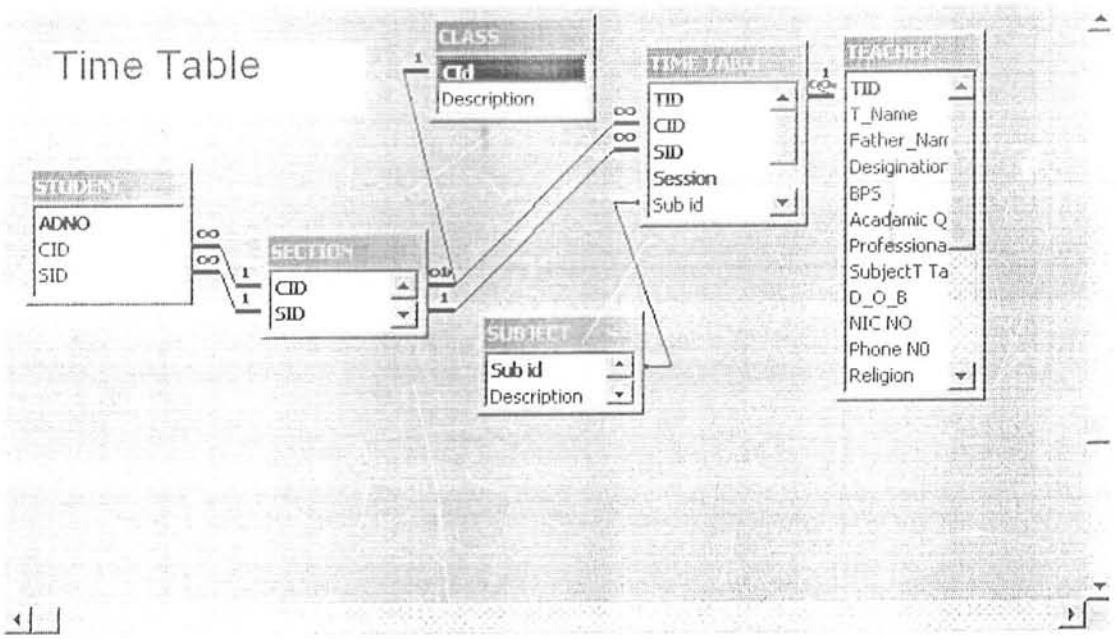

Relationships
Admission System
STUDENT
ADNO
CID
SID
ADMISSION
ADNO
SName
FName
DOB
Sex
Religion
Phone No
CID
SID
OCID
ADMISSION
SR_NO
Sname
Fname
CID
TID
Marks_obtain
SECTION
CID
SID
DESCRIPTION
CLASS
CId
Description

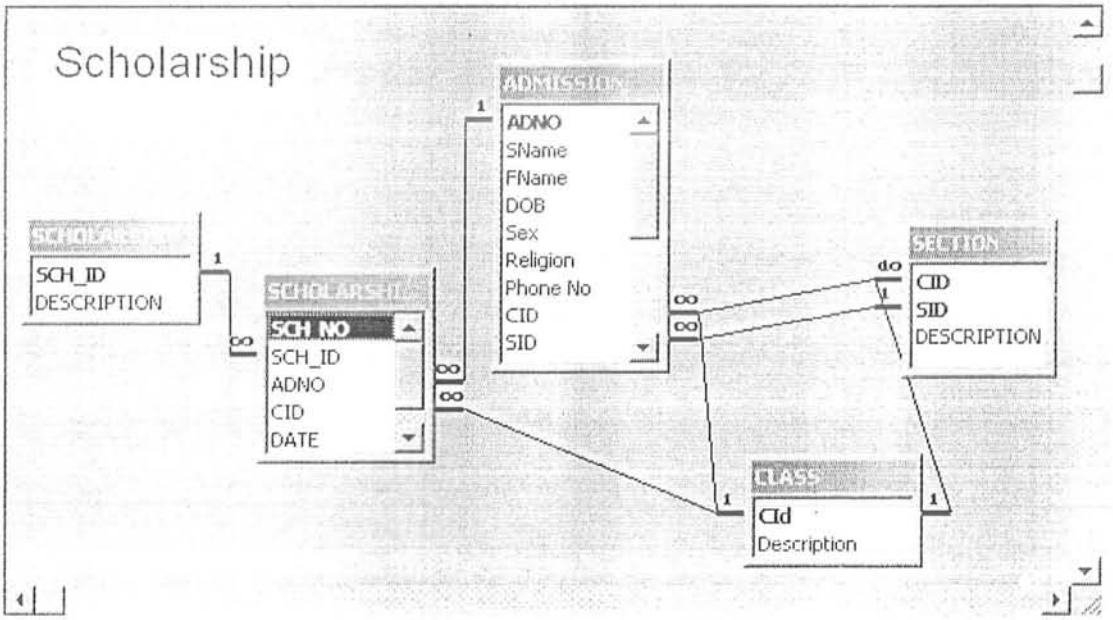

Relationships
Award
AWARD CAT
AC_ID
Member # 1
Member # 2
AWARD
AW_NO
AC_ID
A_Type
ADNO
DESCRIPTION
AWARD TYP
A_ID
DESCRIPTION
ADMISSION
ADNO
SName
FName
DOB
Sex
Religion
Phone No
CID
SID
OCID
Monthly Incon
PSLD
SECTION
CID
SID
DESCRIPTION
CLASS
CId
Description

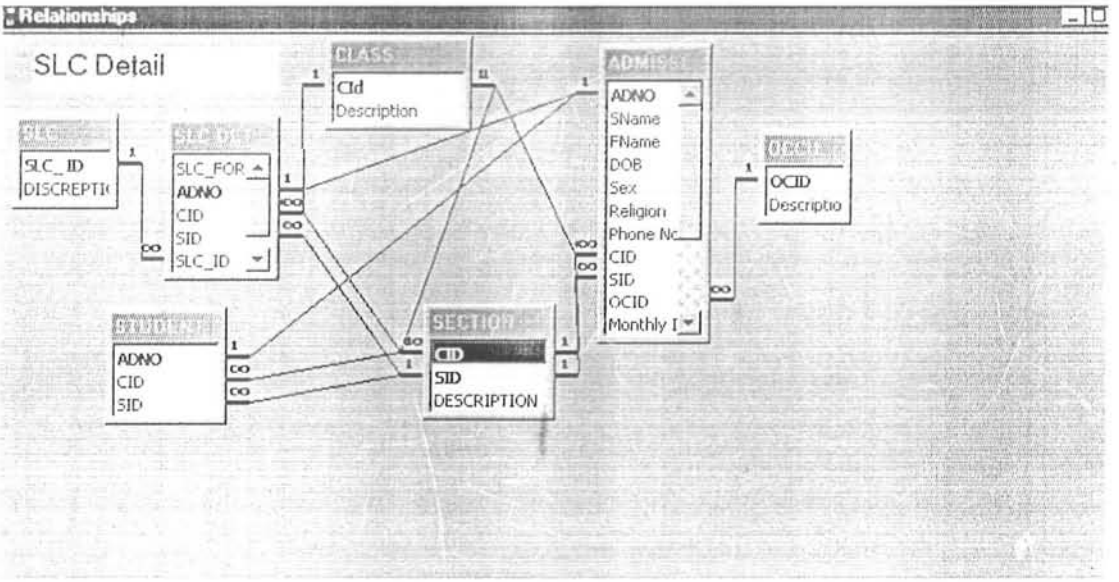

Relationships
Dues payment
DUEHEAD
Due id
Description
DUEPAYMENT
DForm no
ADNO
CID
OCID
Due id
ADMISSION
ADNO
SName
FName
DOB
Sex
Religion
Phone No
CID
SID
SECTION
CID
SID
DESCRIPTION
CLASS
CId
Description

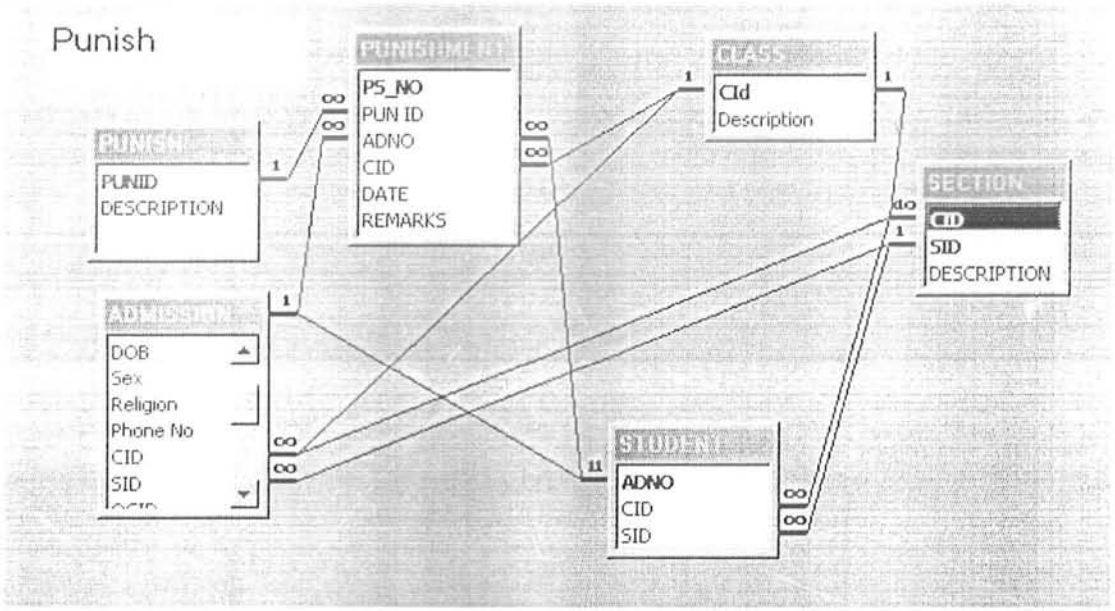

Class
Incharge
ADMISSION
ADNO
SName
FName
DOB
Sex
Religion
Phone No
CID
SID
OCID
Monthly Incon
CLASS
CId
Description
SECTION
CID
SID
DESCRIPTION
TEACHER
TID
T_Name
Father_Name
Designation
BPS
INCHARGE
TID
CID

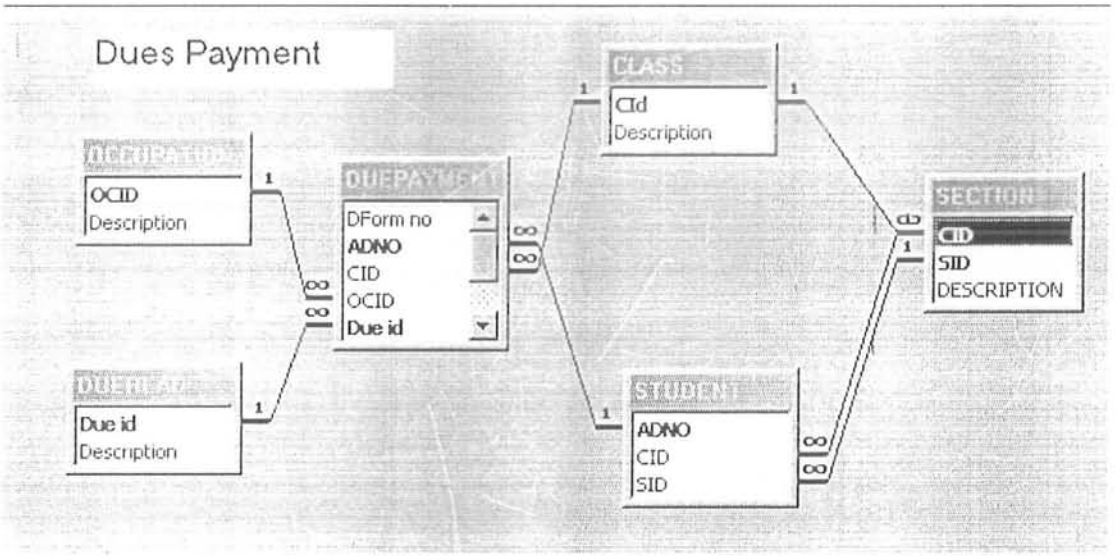

Science
Laboratory
SECTION
CID
SID
DESCRIPTION
LAB
LAB_ID
DESCRIPTION
LAB_INCHARGE
DAMAGE
DEMAGE_ID
LAB_ID
ITEM_ID
BPAS
CId
Description
SUPPLIER
SUP_ID
NAME
COMSUME
CONS_ID
ITEM_ID
LAB_ID
LAB PURCH
PR_NO
ITEM_ID
LAB_ID
SUP_ID
PRACTEAC
SR_NO
CID
SID
TID
LAB_ID
TEACHER
TID
T_Name
STOCK
ITEM_ID
LAB_ID
ITEM NAME

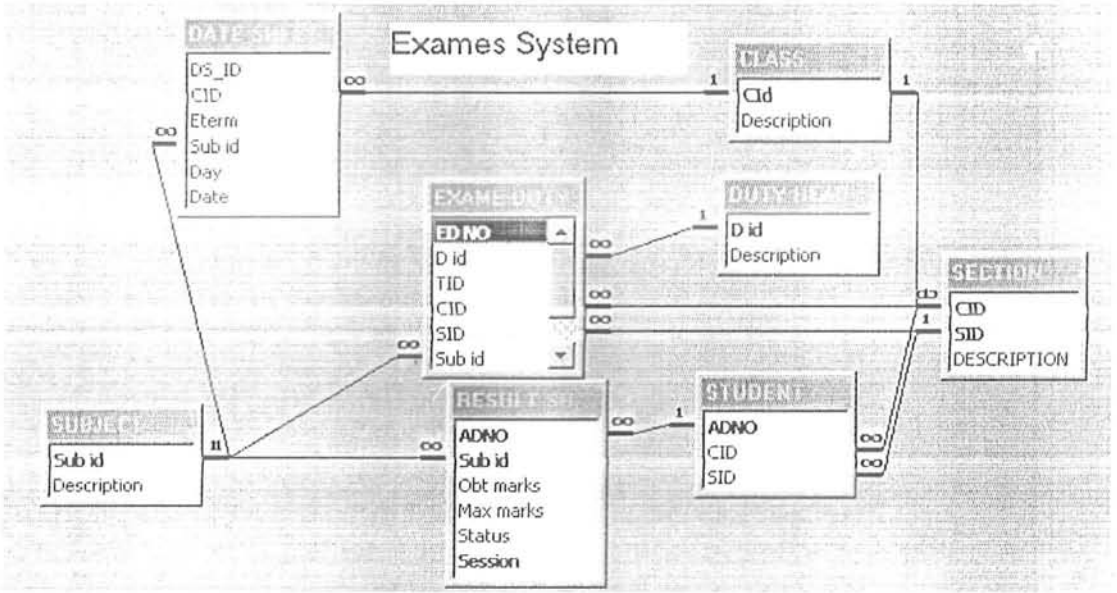

Time Table
CLASS
CId
Description
TIME TABL
TID
CID
SID
Session
Sub id
TEACHER
TID
T_Name
Father_Nam
Desigination
BPS
Acadamic Q
Professiona
SubjectT Ta
D_O_B
NIC NO
Phone N0
Religion
STUDENT
ADNO
CID
SID
SECTION
CID
SID
SUBJECT
Sub id
Description


Scholarship
SCH_ID
DESCRIPTION
SCH_NO
SCH_ID
ADNO
CID
DATE
ADNO
SName
FName
DOB
Sex
Religion
Phone No
CID
SID
CID
SID
DESCRIPTION
CId
Description

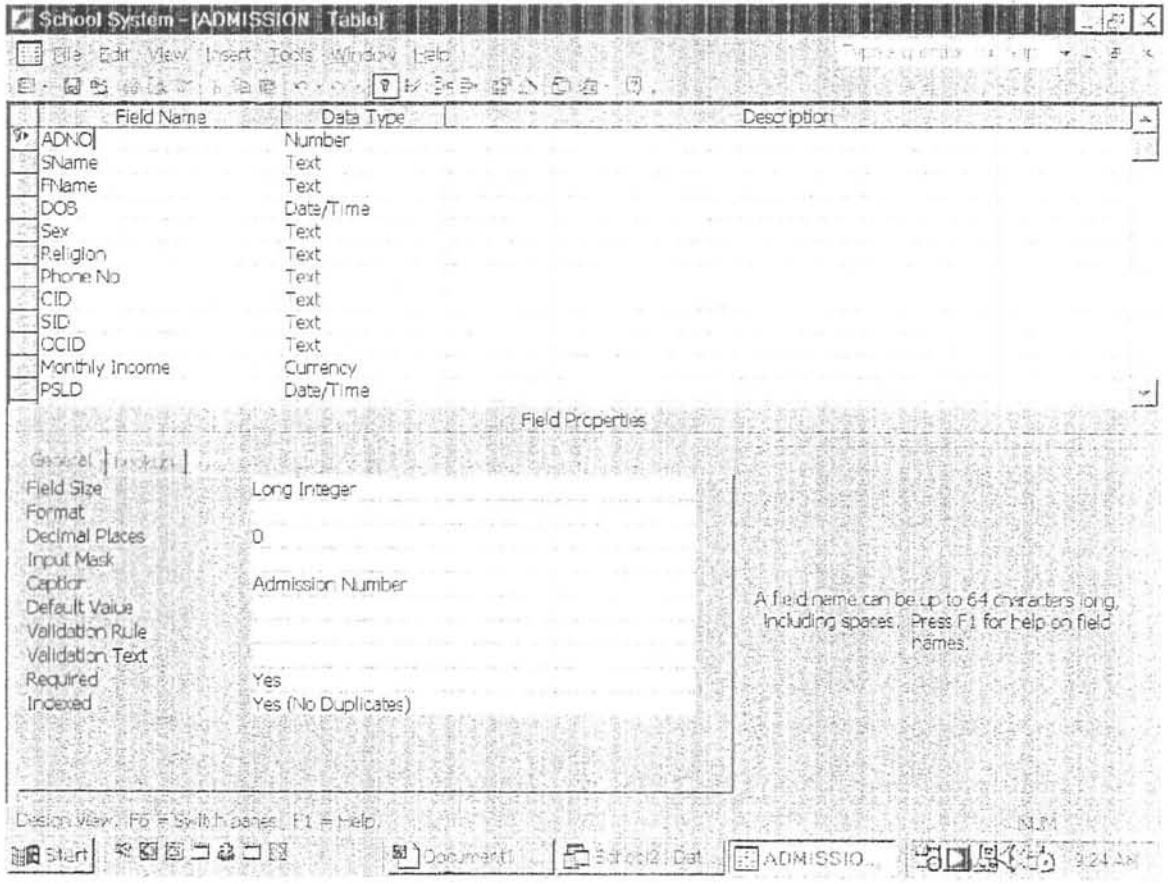

Relationships
SLC Detail
SLC_ID
SLC_FOR
ADNO
CID
SID
SLC_ID
CId
Description
ADNO
CID
SID
SECTION
CID
SID
DESCRIPTION
ADNO
SName
FName
DOB
Sex
Religion
Phone No
CID
SID
OCID
Monthly I
OCID
Descriptio

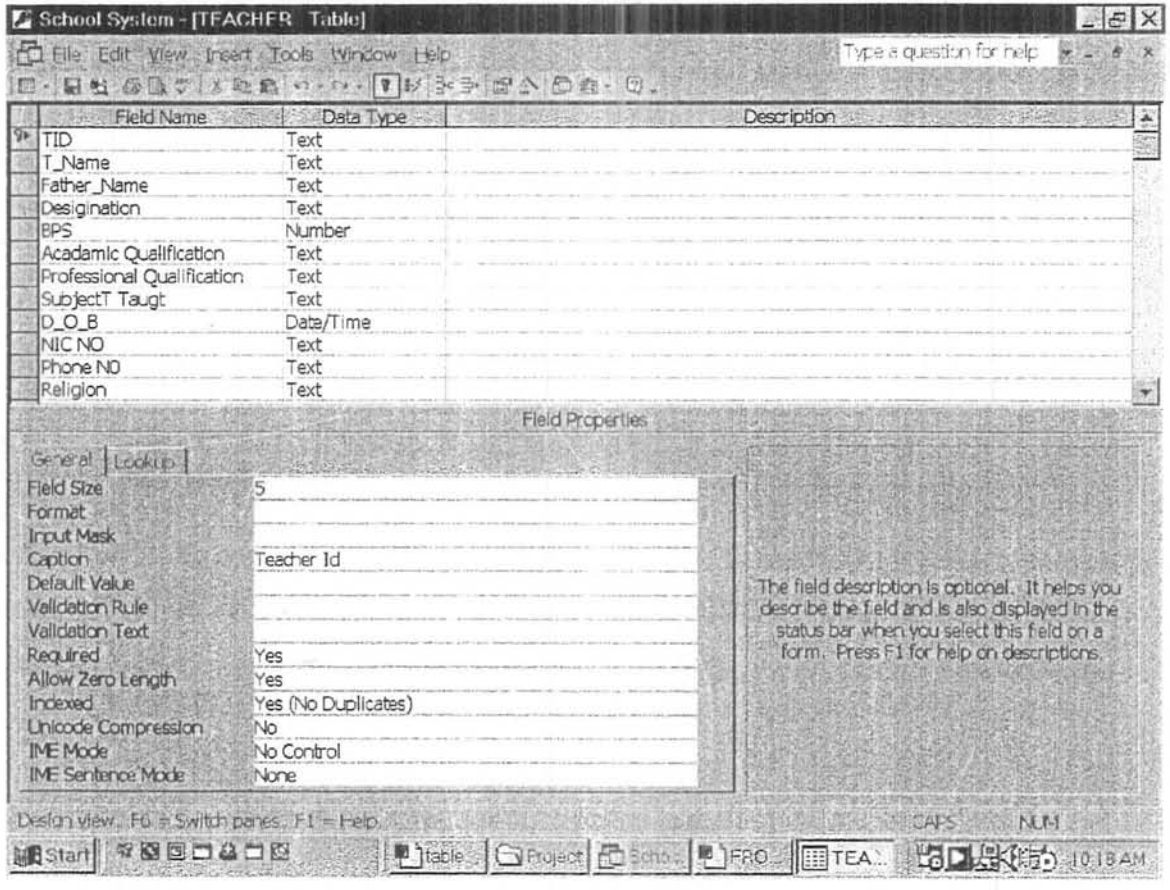

Punish
PS_NO
PUN ID
ADNO
CID
DATE
REMARKS
PUNID
DESCRIPTION
CId
Description
SECTION
CID
SID
DESCRIPTION
DOB
Sex
Religion
Phone No
CID
SID
STUDENT
ADNO
CID
SID

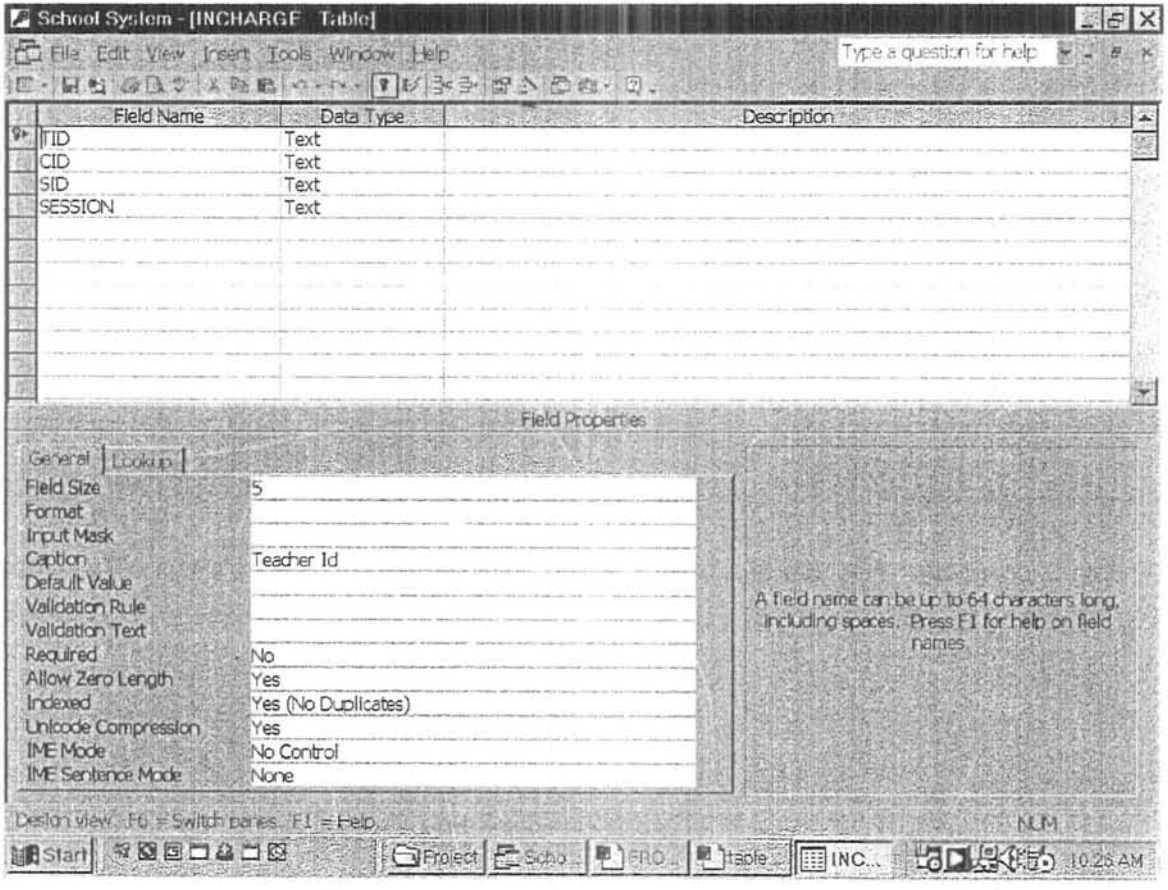

Dues Payment
OCID
Description
DForm no
ADNO
CID
OCID
Due id
Due id
Description
CLASS
CId
Description
SECTION
CID
SID
DESCRIPTION
STUDENT
ADNO
CID
SID

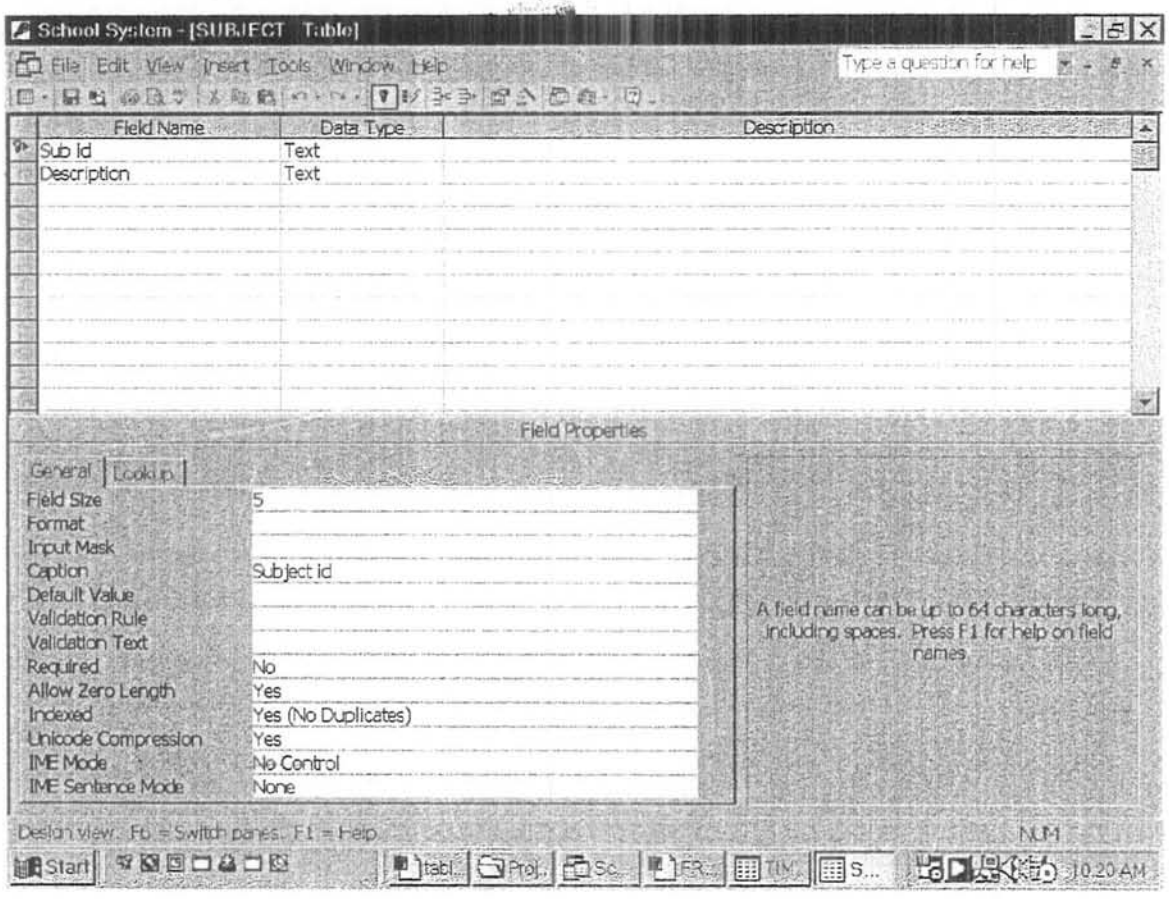

Exames System
DS_ID
CID
Eterm
Sub id
Day
Date
Cid
Description
ED NO
D id
TID
CID
SID
Sub id
D id
Description
CID
SID
DESCRIPTION
Sub id
Description
ADNO
Sub id
Obt marks
Max marks
Status
Session
ADNO
CID
SID

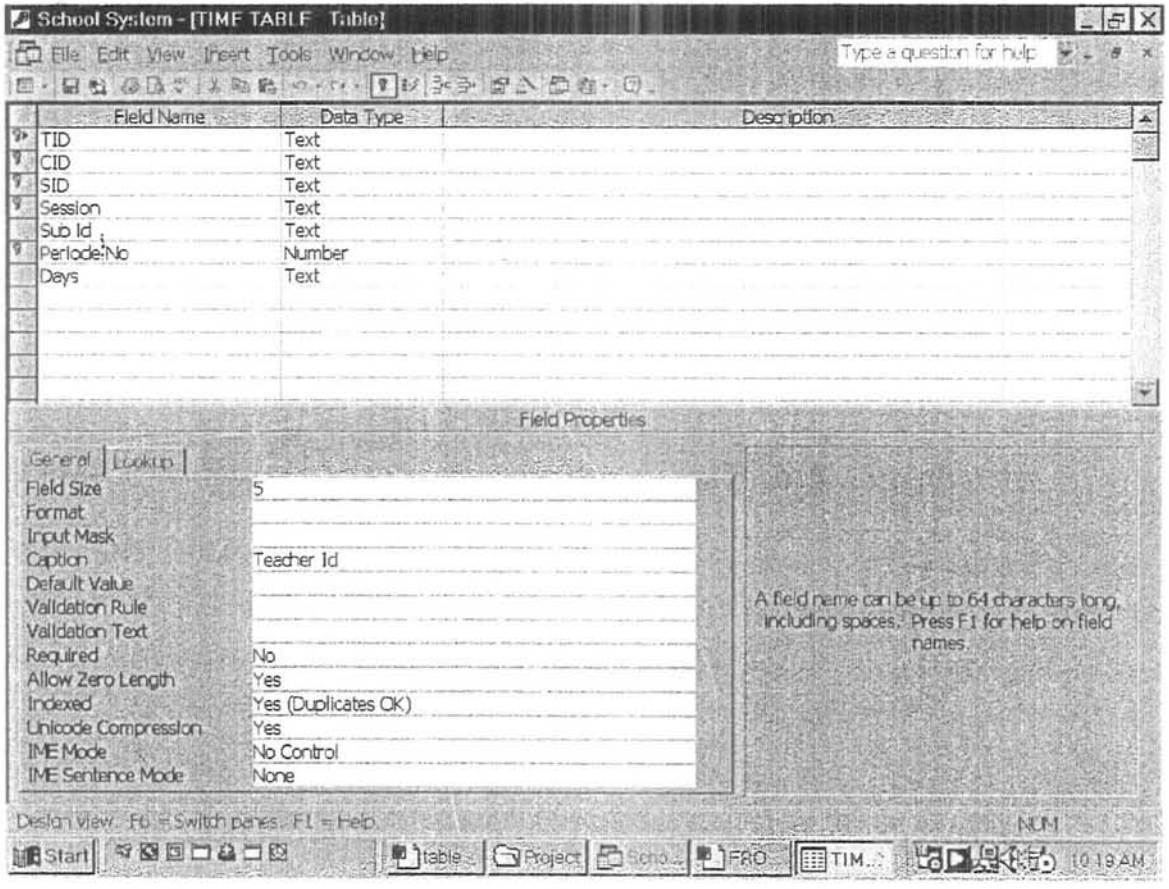
APPENDIX-B TABLES

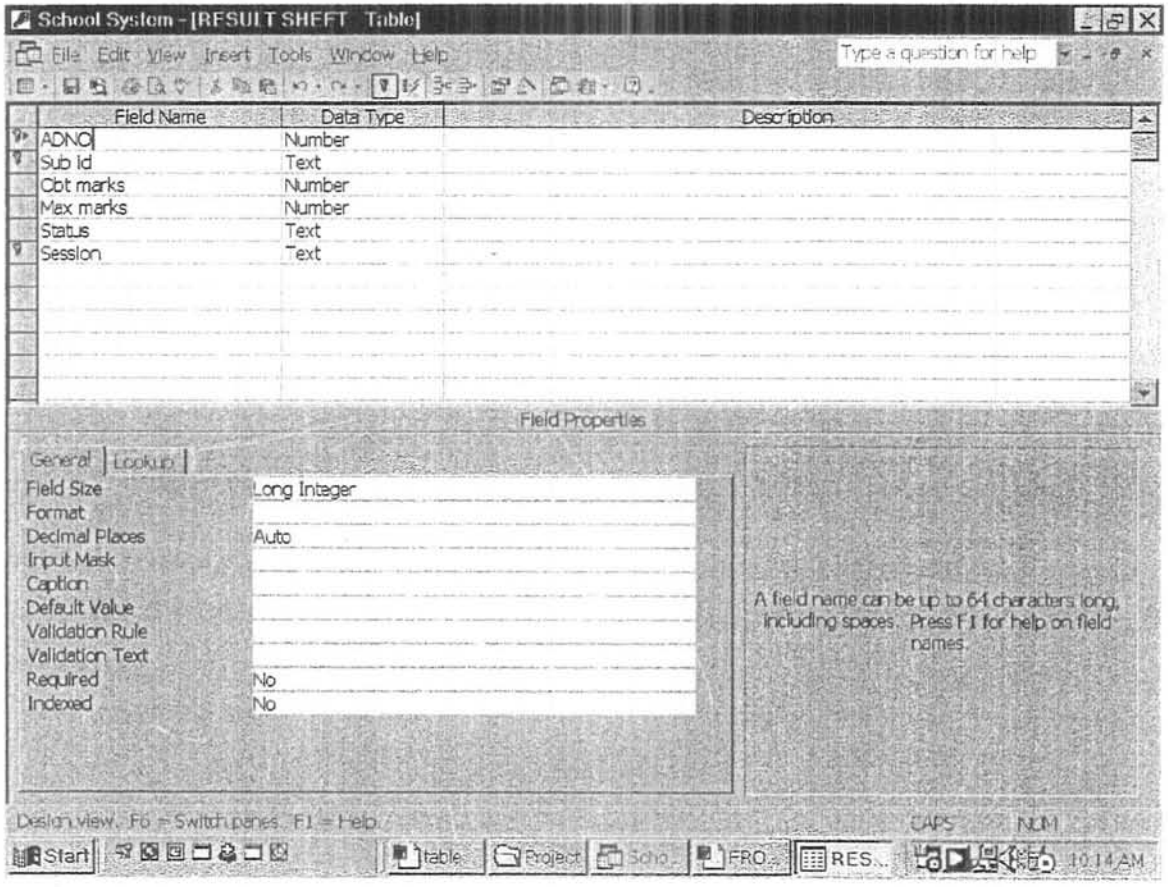

School System - [ADMISSION : Table]
File Edit View Insert Tools Window Help
Field Name
Data Type
Description
ADNO
Number
SName
Text
FName
Text
DOB
Date/Time
Sex
Text
Religion
Text
Phone No
Text
CID
Text
SID
Text
OCID
Text
Monthly Income
Currency
PSLD
Date/Time
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
0
Input Mask
Caption
Admission Number
Default Value
Validation Rule
Validation Text
Required
Yes
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = help.
Start
Document1
Edit2 : Dat
ADMISSIO
9:24 AM

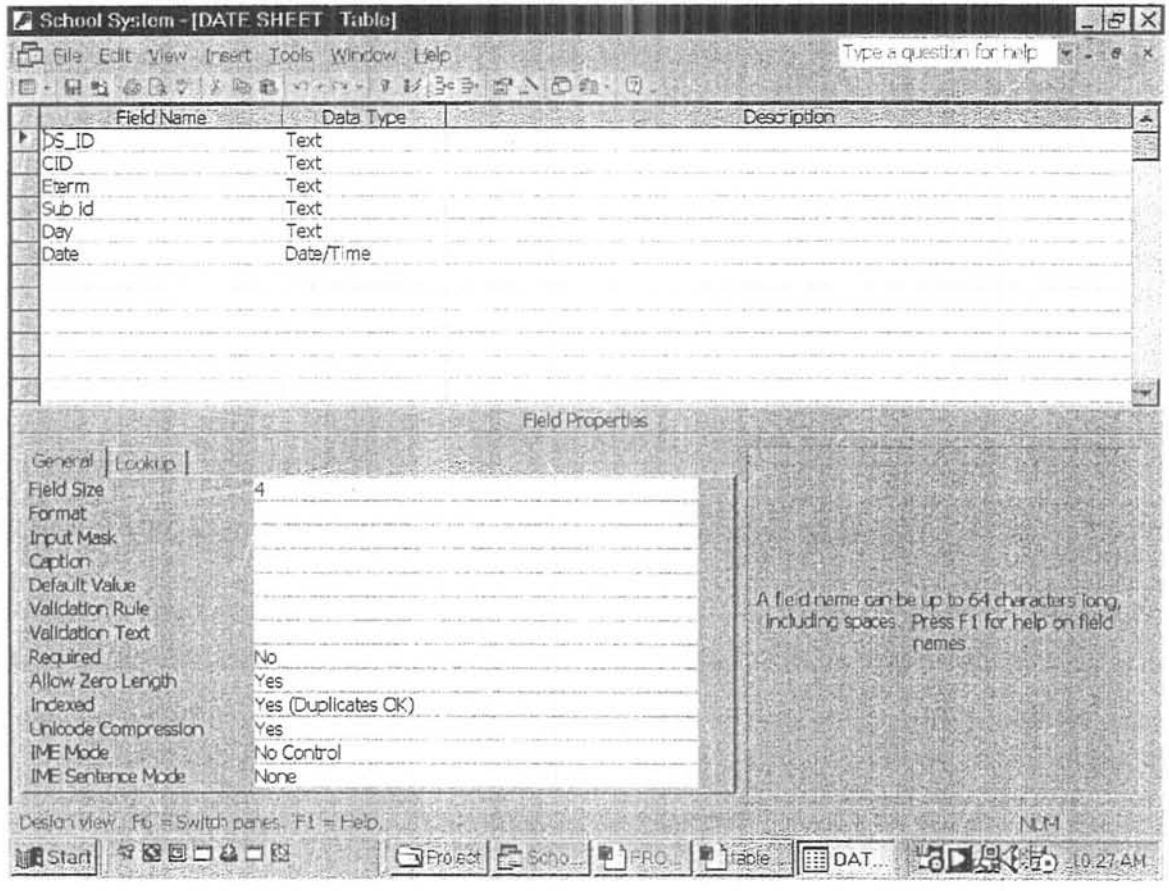

School System - [TEACHER : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
TID
Text
T_Name
Text
Father_Name
Text
Desiginatiion
Text
BPS
Number
Acadamic Qualification
Text
Professional Qualification
Text
SubjectT Taugt
Text
D_O_B
Date/Time
NIC NO
Text
Phone N0
Text
Religion
Text
Field Properties
General
Lookup
Field Size
5
Format
Input Mask
Caption
Teacher Id
Default Value
Validation Rule
Validation Text
Required
Yes
Allow Zero Length
Yes
Indexed
Yes (No Duplicates)
Unicode Compression
No
IME Mode
No Control
IME Sentence Mode
None
The field description is optional. It helps you describe the field and is also displayed in the status bar when you select this field on a form. Press F1 for help on descriptions.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
table
Project
FRO
TEA...
10:18 AM

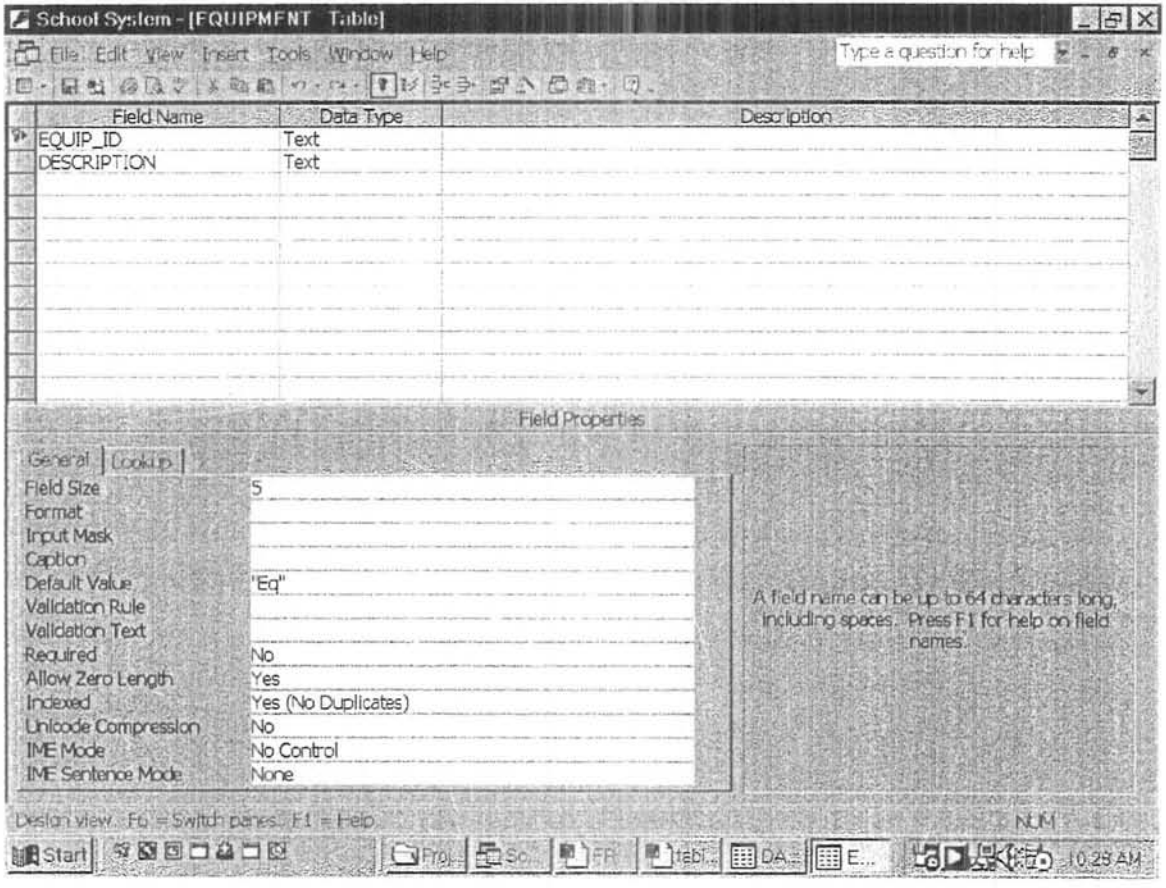

School System - [INCHARGE Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
TID
Text
CID
Text
SID
Text
SESSION
Text
Field Properties
General
Lookup
Field Size
5
Format
Input Mask
Caption
Teacher Id
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (No Duplicates)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
Project
Scho...
ERD...
Table...
INC...
10:26 AM

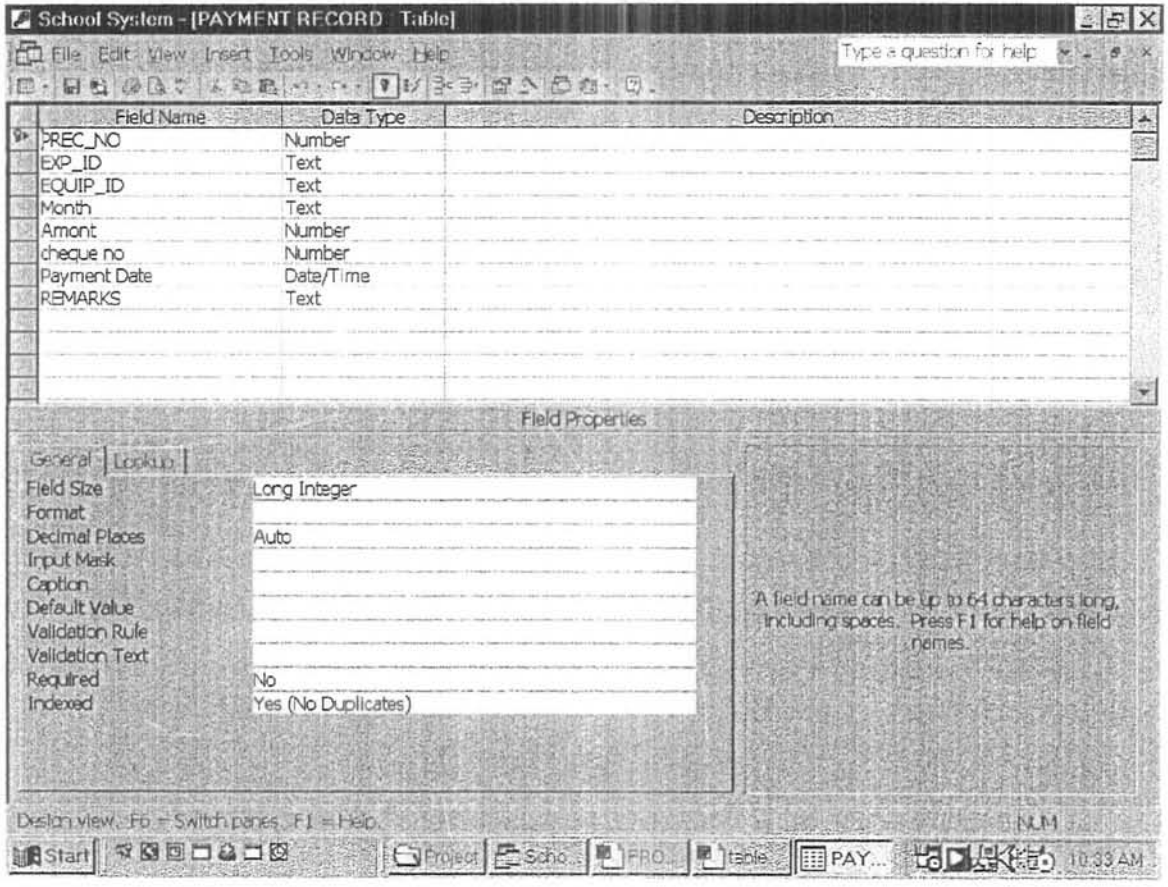

School System - [SUBJECT Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
Sub Id
Text
Description
Text
Field Properties
General
Lookup
Field Size
5
Format
Input Mask
Caption
Subject Id
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (No Duplicates)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
10:20 AM

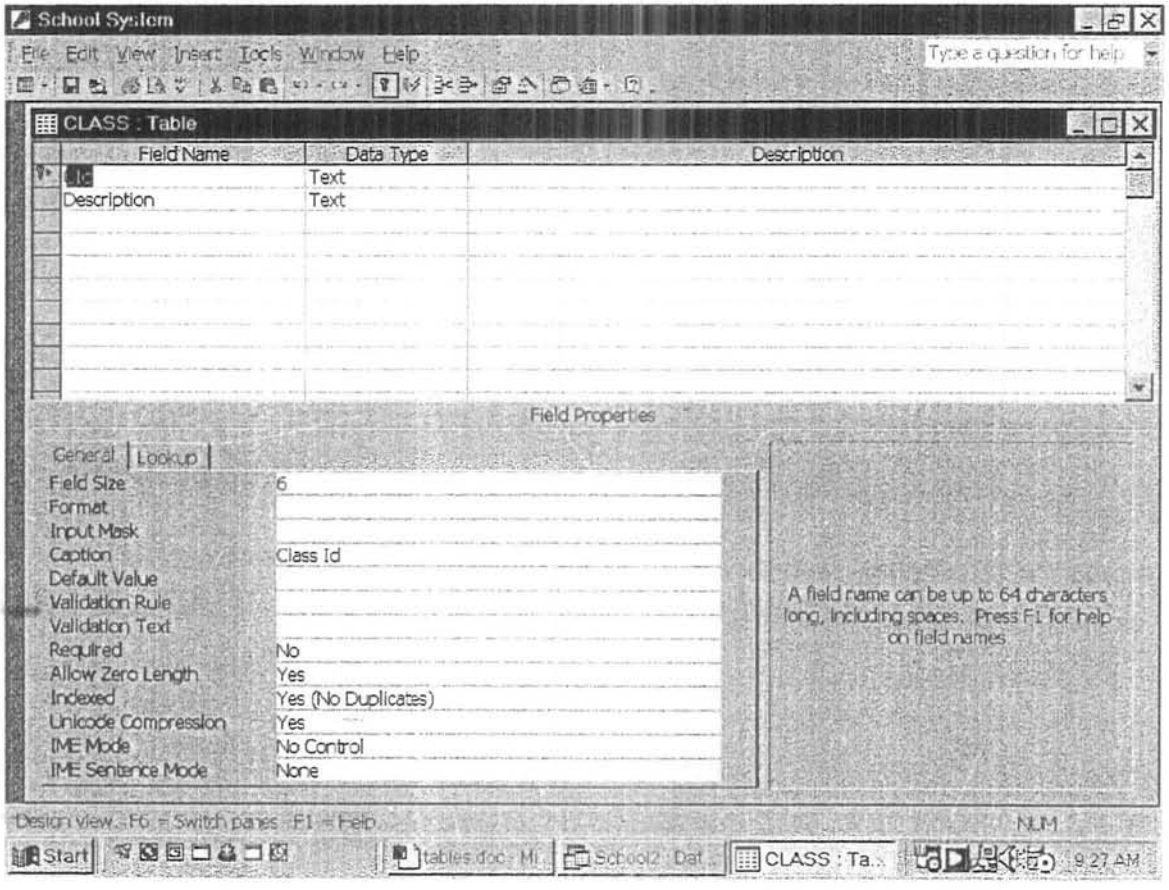

School System - [TIME TABLE : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
TID
Text
CID
Text
SID
Text
Session
Text
Sub Id
Text
Periode No
Number
Days
Text
Field Properties
General
Lookup
Field Size
5
Format
Input Mask
Caption
Teacher Id
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (Duplicates OK)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
table
Project
FRO
TIM...
10:19 AM

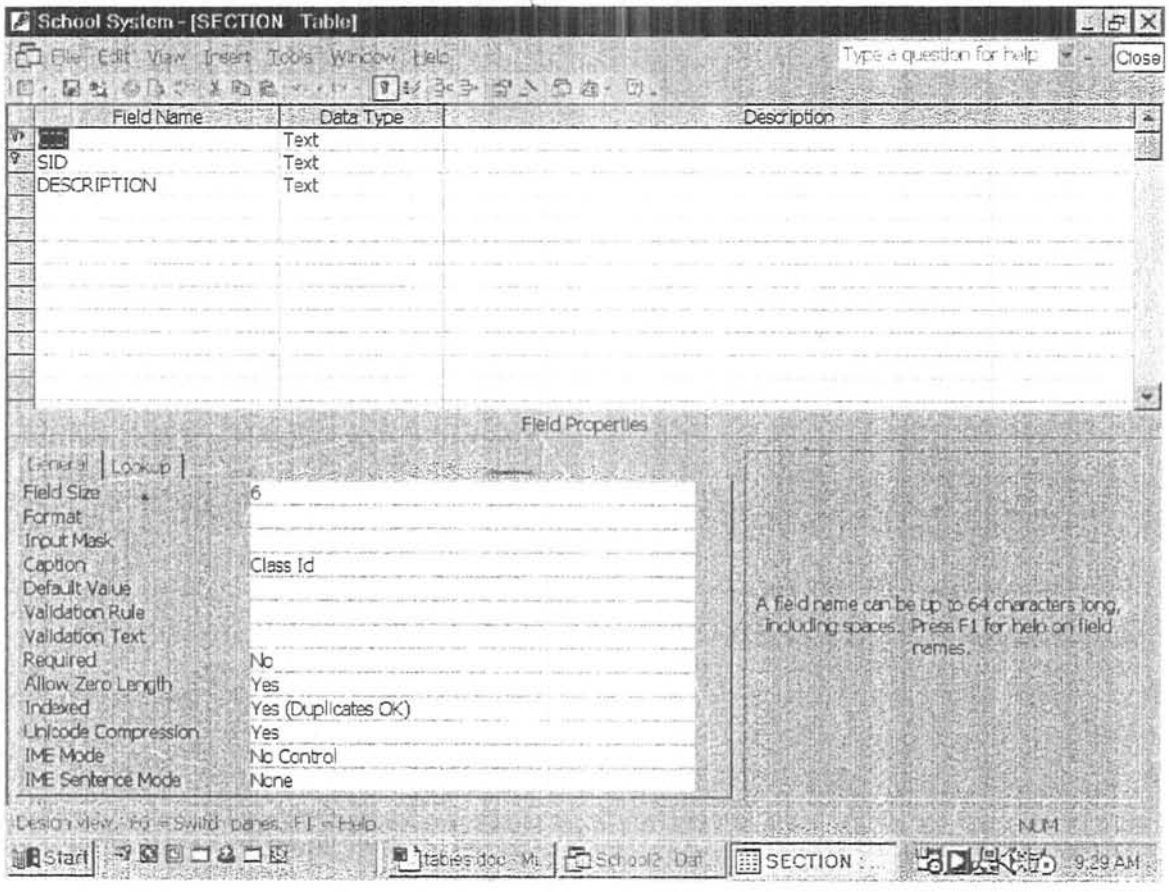

School System - [RESULT SHEET : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
ADNO
Number
Sub Id
Text
Cbt marks
Number
Mex marks
Number
Status
Text
Session
Text
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Indexed
No
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
Table
Project
Scho...
FRO...
RES...
10:14 AM

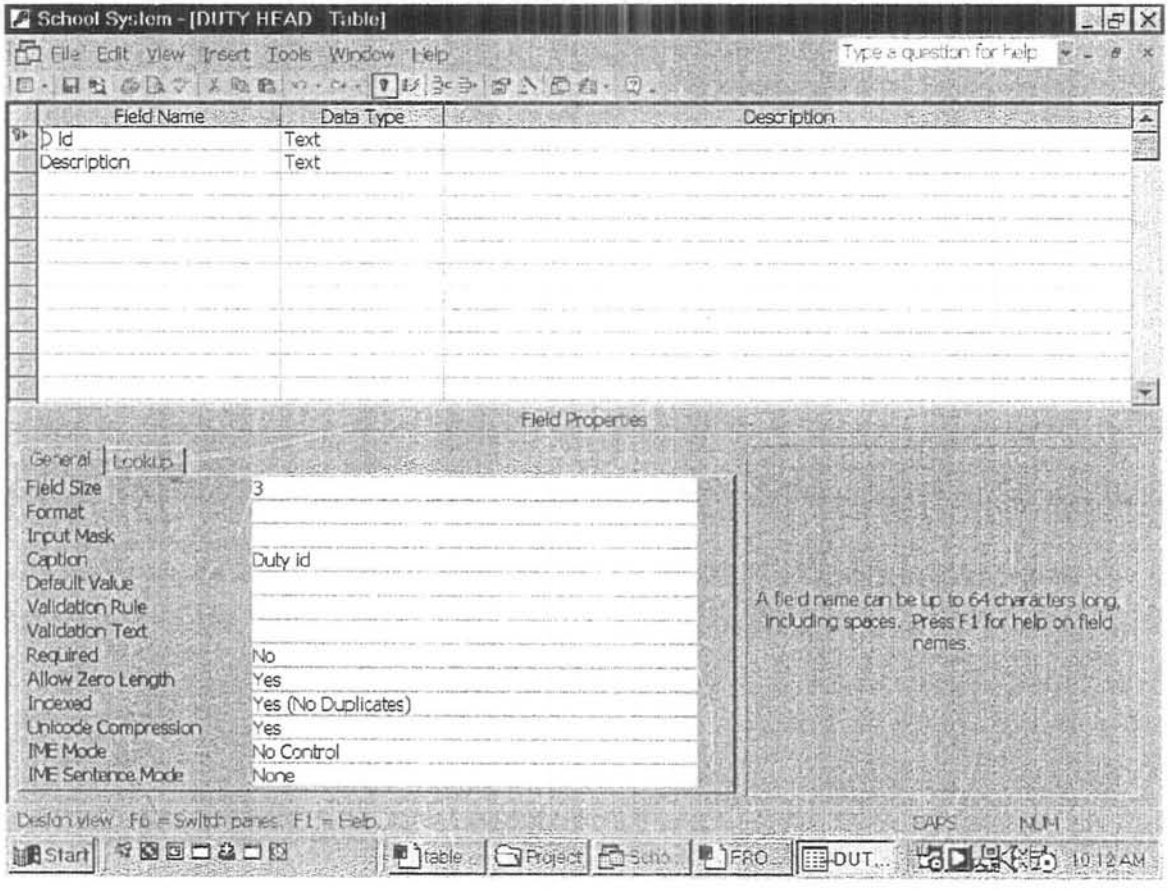

School System - [DATE SHEET : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
DS_ID
Text
CID
Text
Eterm
Text
Sub Id
Text
Day
Text
Date
Date/Time
Field Properties
General
Lookup
Field Size
4
Format
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (Duplicates OK)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
Project
Scho...
FRO...
Table
DAT...
10:27 AM

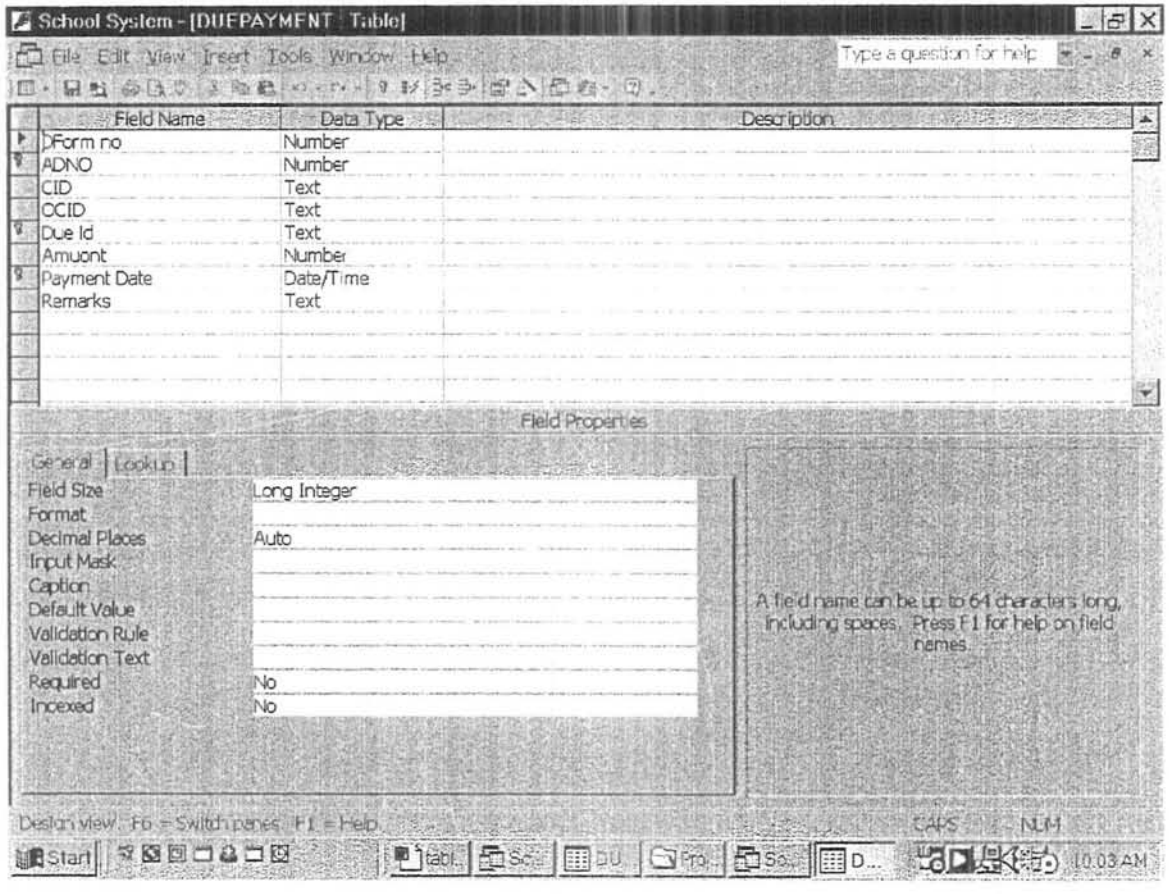

School System - [EQUIPMENT Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
EQUIP_ID
Text
DESCRIPTION
Text
Field Properties
General
Lookup
Field Size
5
Format
Input Mask
Caption
Default Value
"Eq"
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (No Duplicates)
Unicode Compression
No
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
10:28 AM

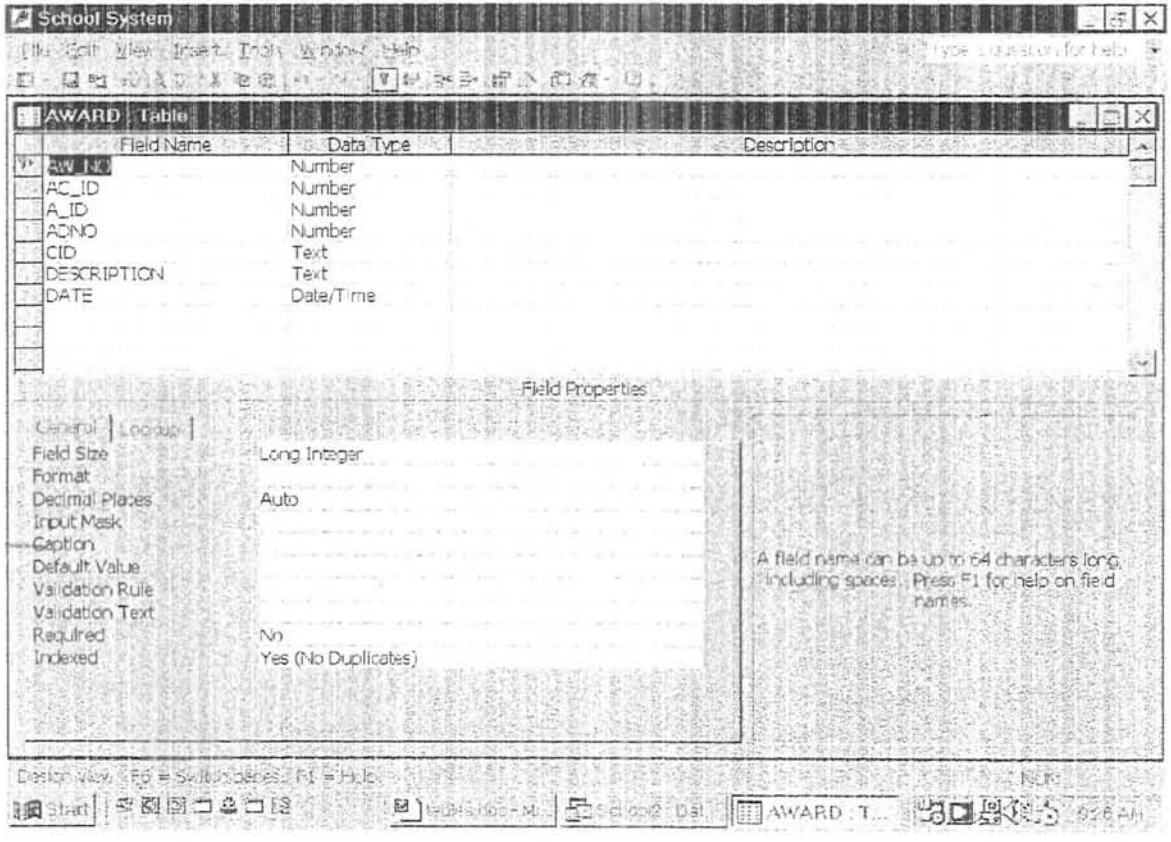

School System - [PAYMENT RECORD : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
PREC_NO
Number
EXP_ID
Text
EQUIP_ID
Text
Month
Text
Amont
Number
cheque no
Number
Payment Date
Date/Time
REMARKS
Text
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
Project
Scho...
FRO...
table
PAY...
10:33 AM

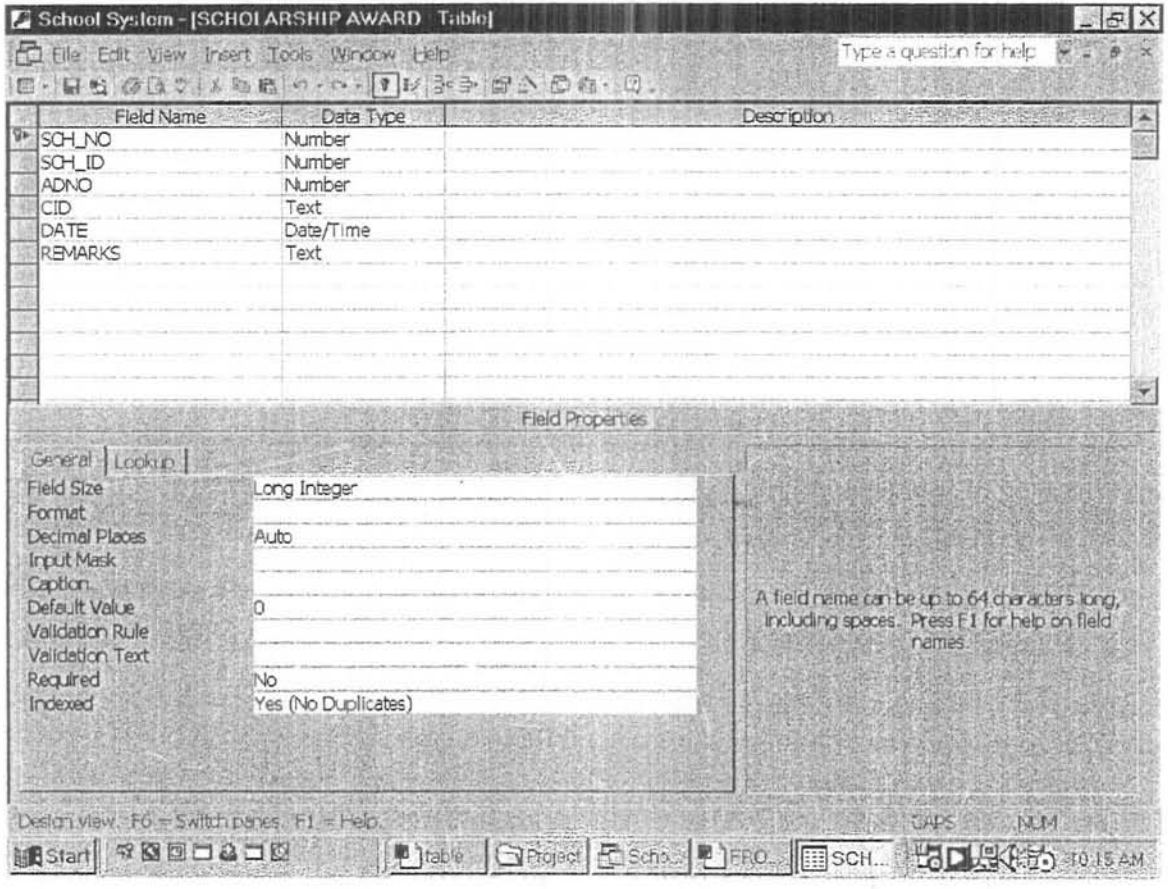

School System
File Edit View Insert Tools Window Help
Type a question for help
CLASS : Table
Field Name
Data Type
Description
Text
Description
Text
Field Properties
General
Lookup
Field Size
6
Format
Input Mask
Caption
Class Id
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (No Duplicates)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
tables doc - Mi...
School2 : Dat...
CLASS : Ta...
9:27 AM

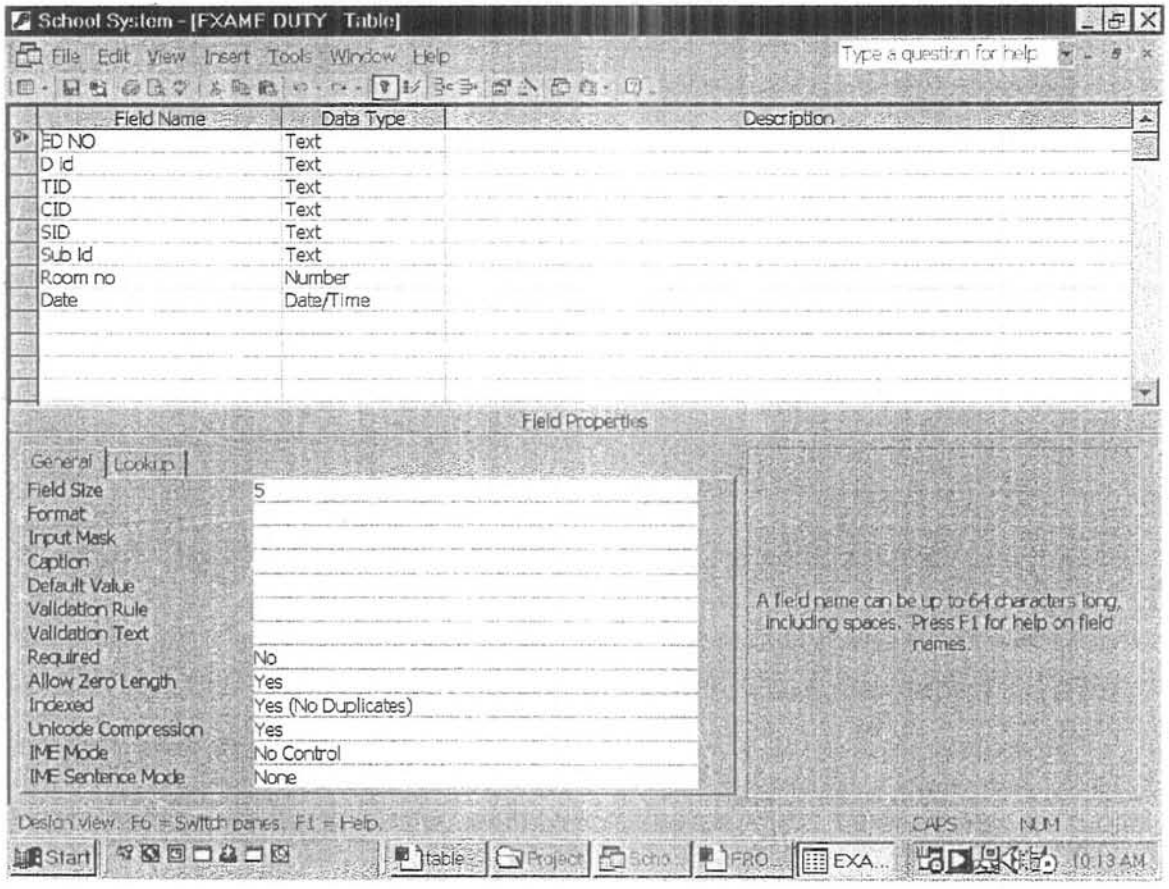

School System - [SECTION Table]
File Edit View Insert Tools Window Help
Type a question for help
Close
Field Name
Data Type
Description
Text
SID
Text
DESCRIPTION
Text
Field Properties
General
Lookup
Field Size
6
Format
Input Mask
Caption
Class Id
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (Duplicates OK)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
tables.doc - Mi...
School2 : Dat...
SECTION : ...
9:29 AM

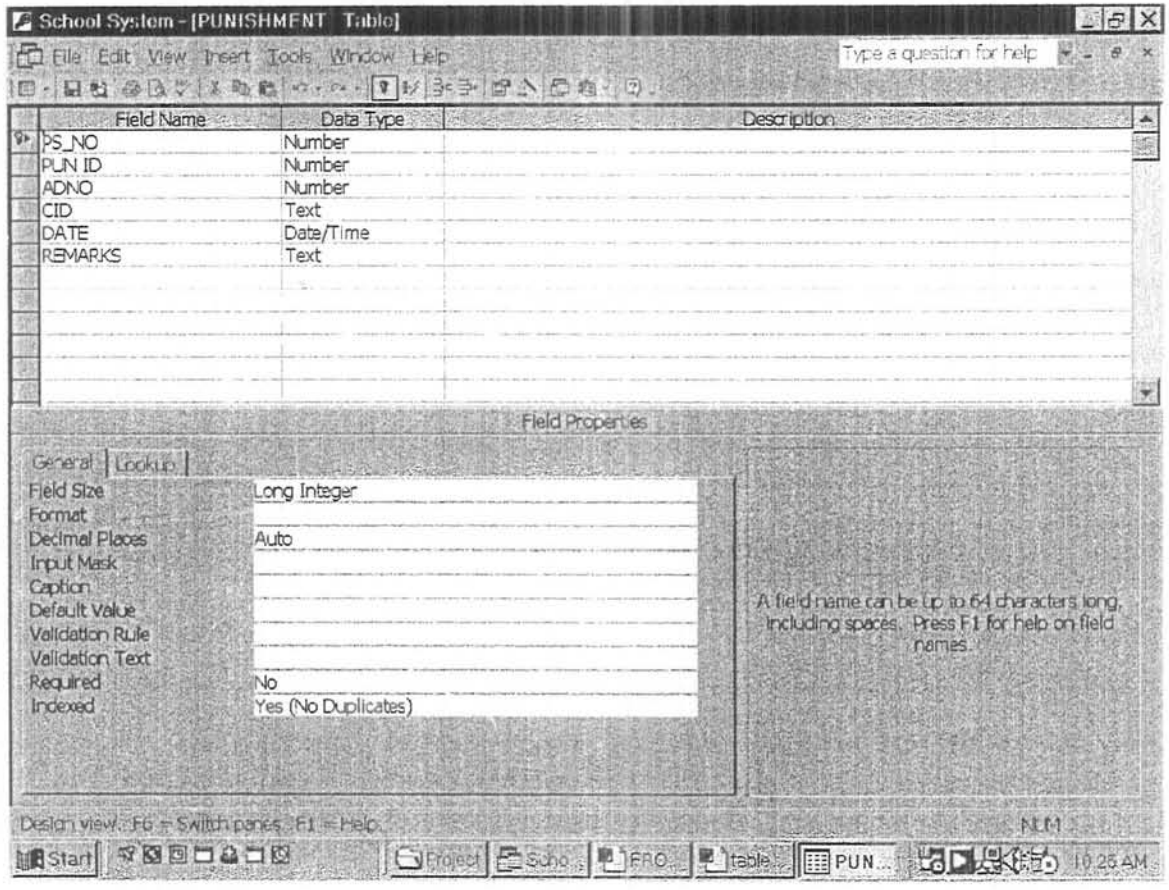

School System - [DUTY HEAD Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
id
Text
Description
Text
Field Properties
General
Lookup
Field Size
3
Format
Input Mask
Caption
Duty id
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (No Duplicates)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
Table...
Project...
Sche...
FRO...
DUT...
10:12 AM

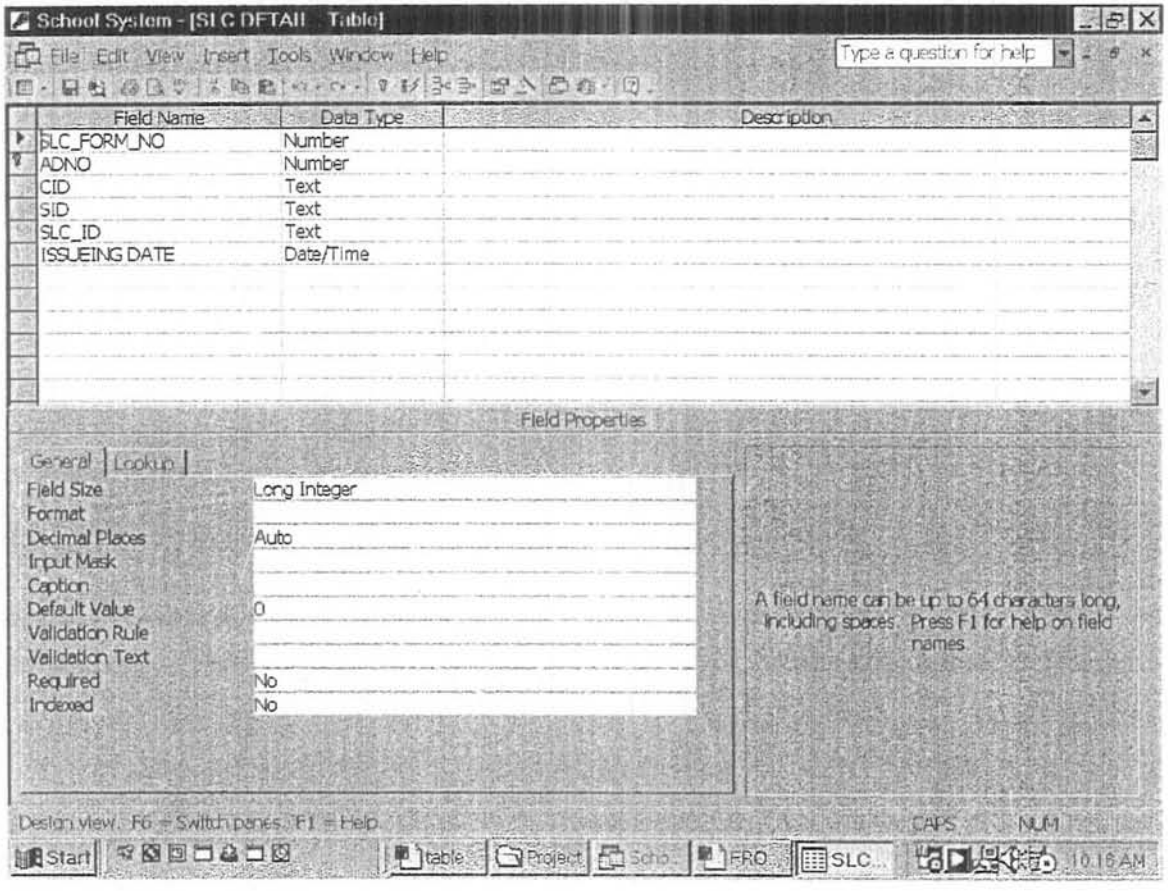

School System - [DUEPAYMENT : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
Form no
Number
ADNO
Number
CID
Text
OCID
Text
Due Id
Text
Amuont
Number
Payment Date
Date/Time
Remarks
Text
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Indexed
No
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
10:03 AM

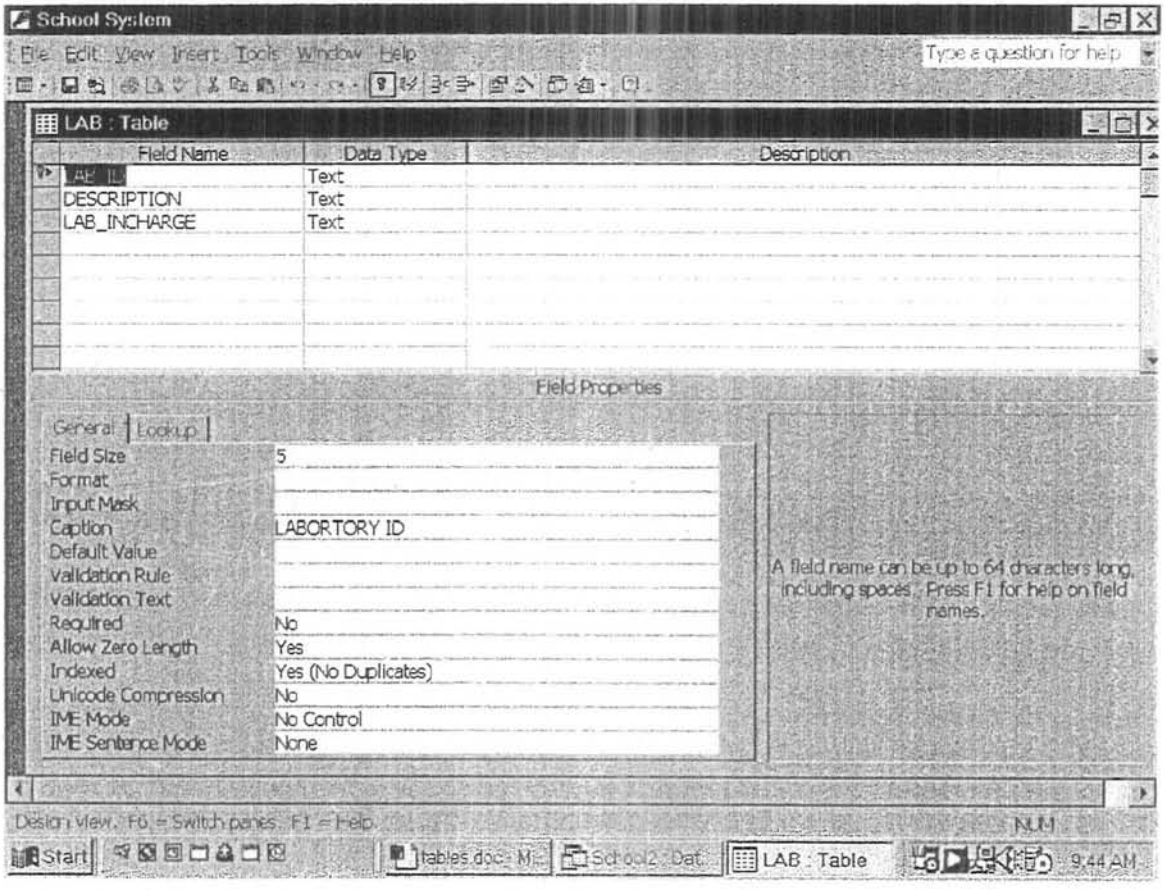

School System
AWARD : Table
Field Name
Data Type
Description
AW_NO
Number
AC_ID
Number
A_ID
Number
ADNO
Number
CID
Text
DESCRIPTION
Text
DATE
Date/Time
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Start
AWARD : T...

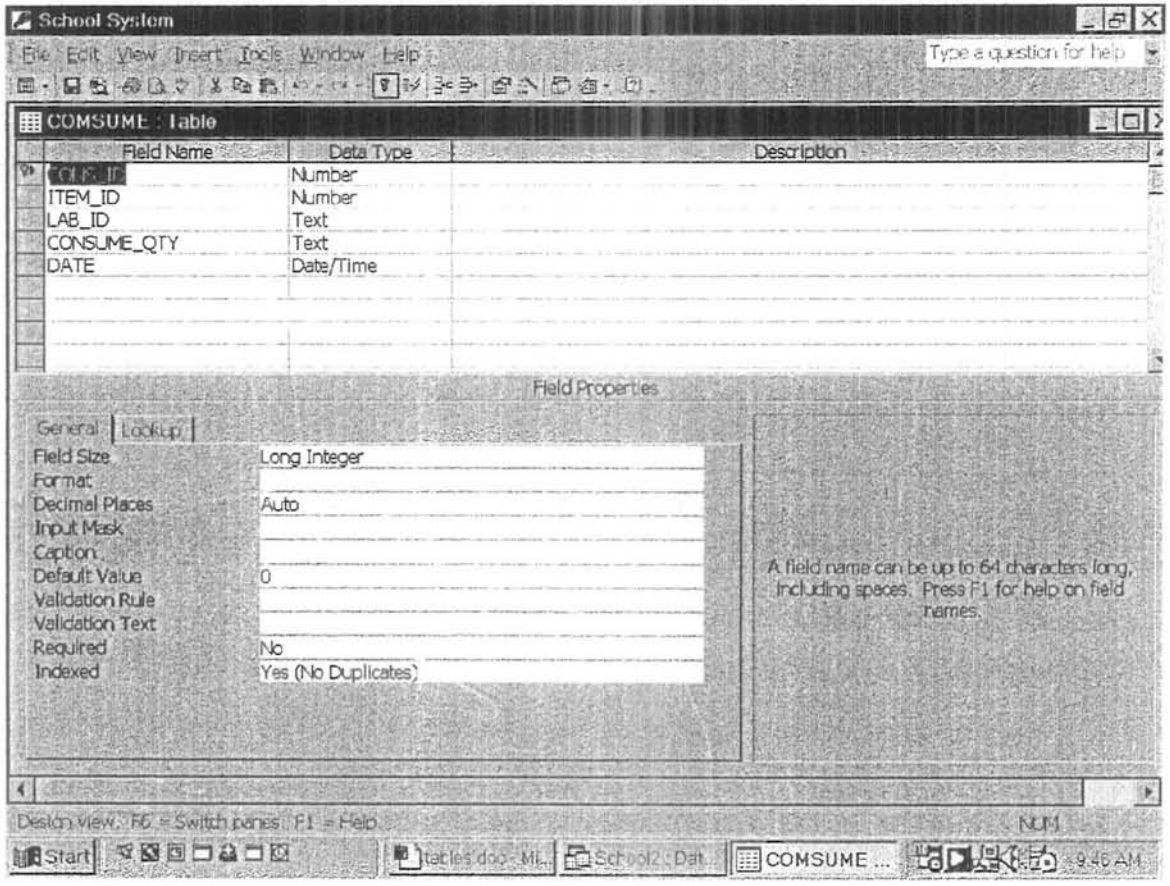

School System - [SCHOLARSHIP AWARD : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
SCH_NO
Number
SCH_ID
Number
ADNO
Number
CID
Text
DATE
Date/Time
REMARKS
Text
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
0
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
table
Project
Scho...
FRO...
SCH...
10:15 AM

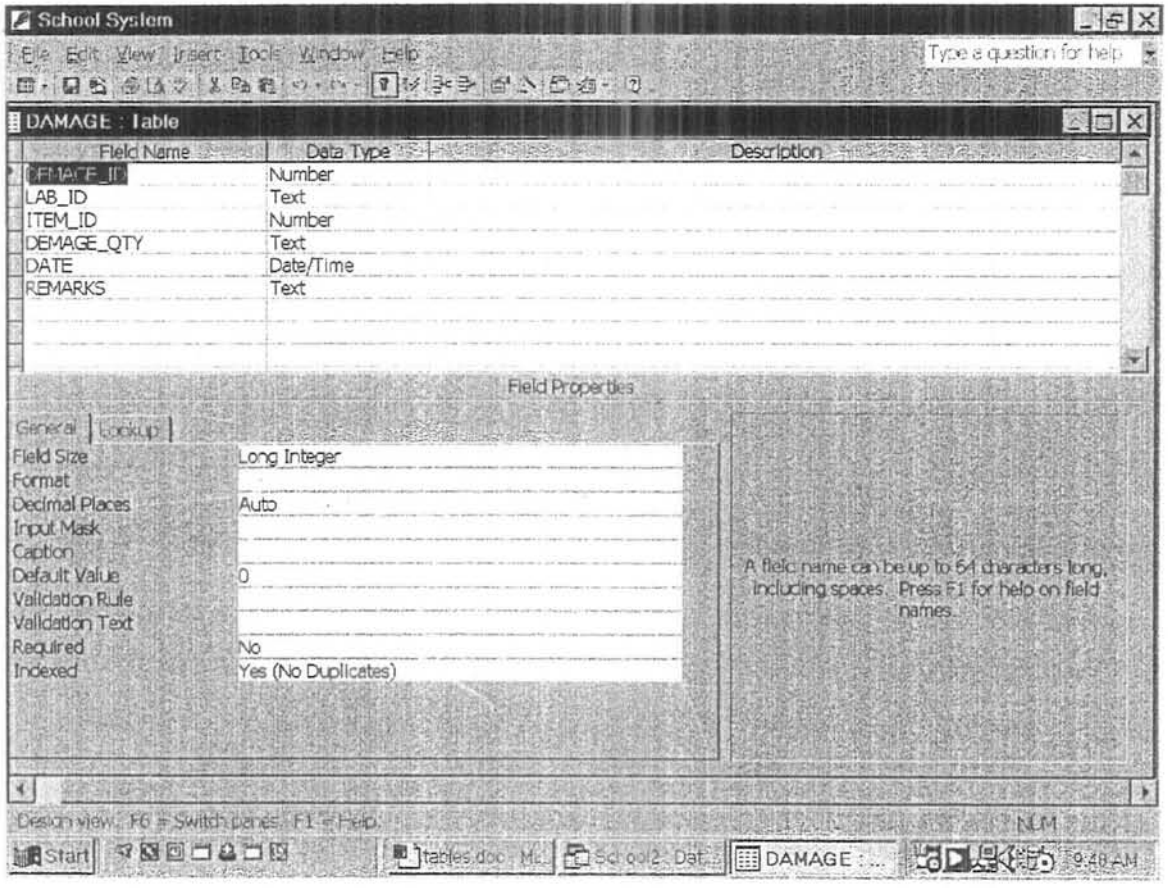

School System - [EXAMF DUTY Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
ED NO
Text
D id
Text
TID
Text
CID
Text
SID
Text
Sub Id
Text
Room no
Number
Date
Date/Time
Field Properties
General
Lookup
Field Size
5
Format
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (No Duplicates)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
table
Project
Scho
FRO
EXA...
10:13 AM

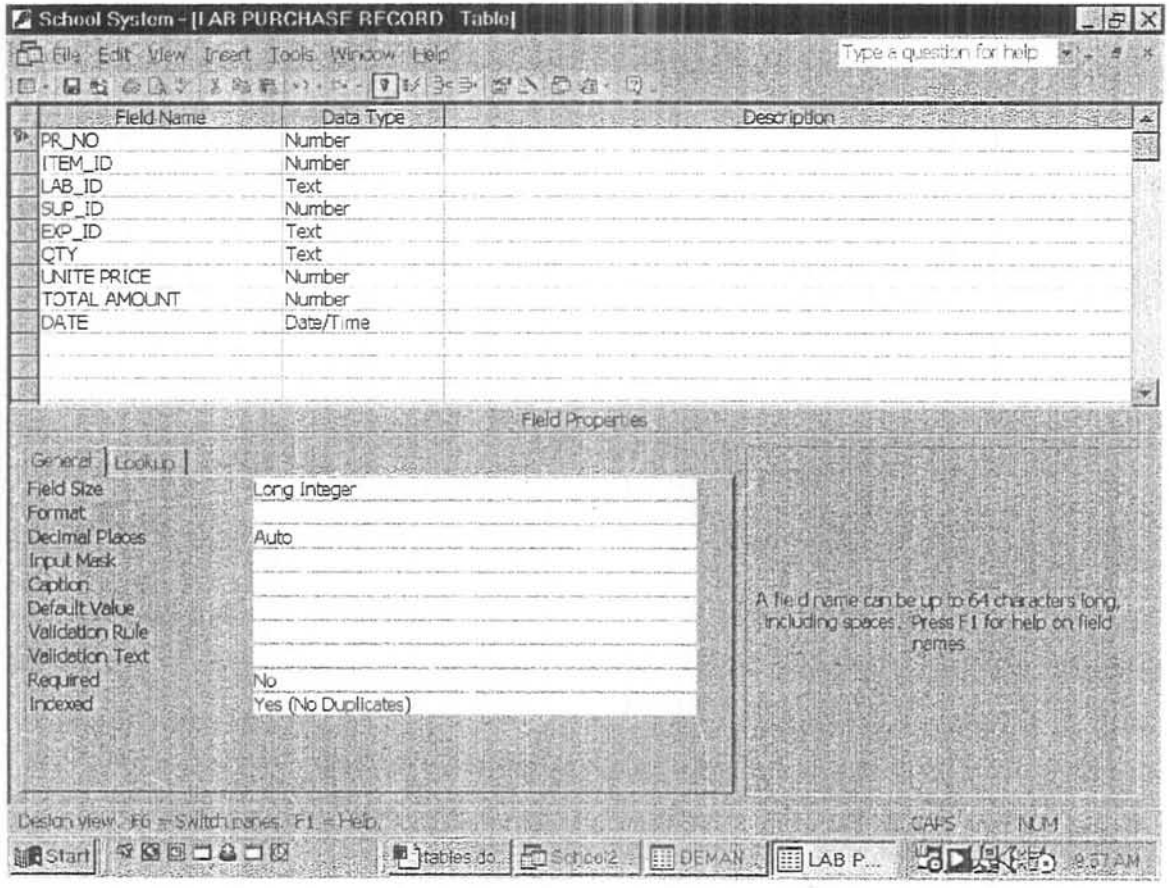

School System - [PUNISHMENT Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
PS_NO
Number
PUN ID
Number
ADNO
Number
CID
Text
DATE
Date/Time
REMARKS
Text
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
Project
Scho...
FRO...
table...
PUN...
10:25 AM

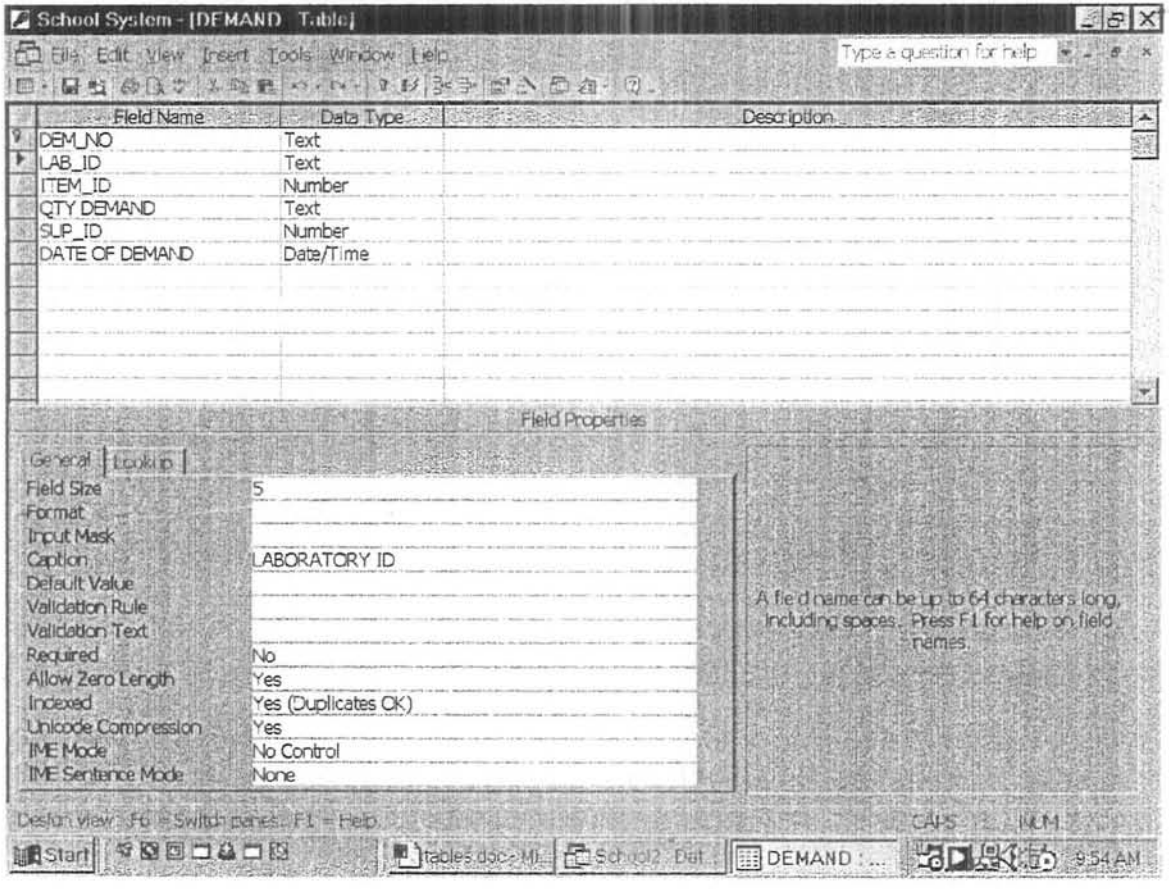

School System - [SLC DETAIL Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
SLC_FORM_NO
Number
ADNO
Number
CID
Text
SID
Text
SLC_ID
Text
ISSUEING DATE
Date/Time
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
0
Validation Rule
Validation Text
Required
No
Indexed
No
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
table
Project
Scho
FRO
SLC...
10:16 AM

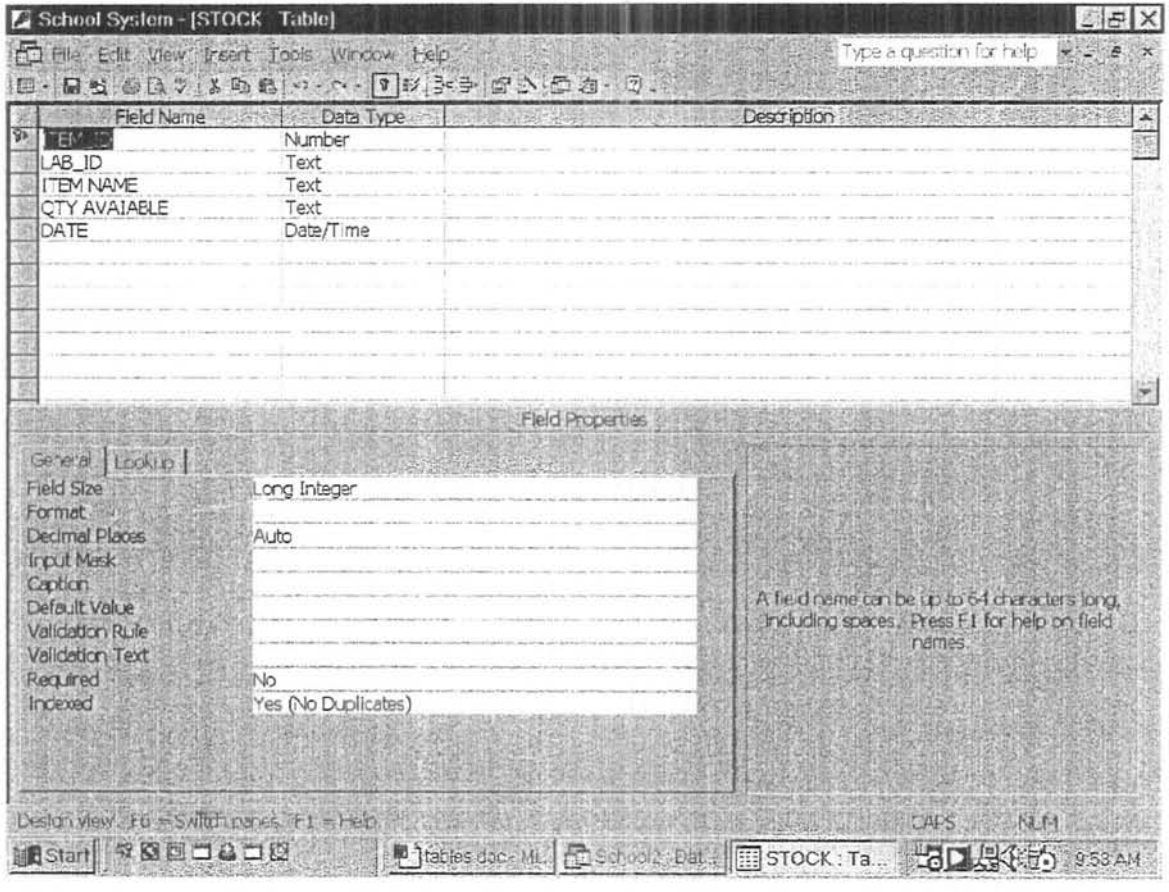

School System
File Edit View Insert Tools Window Help
Type a question for help
LAB : Table
Field Name
Data Type
Description
LAB_ID
Text
DESCRIPTION
Text
LAB_INCHARGE
Text
Field Properties
General
Lookup
Field Size
5
Format
Input Mask
Caption
LABORTORY ID
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (No Duplicates)
Unicode Compression
No
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
Tables.doc - M...
School2 : Dat...
LAB : Table
9:44 AM

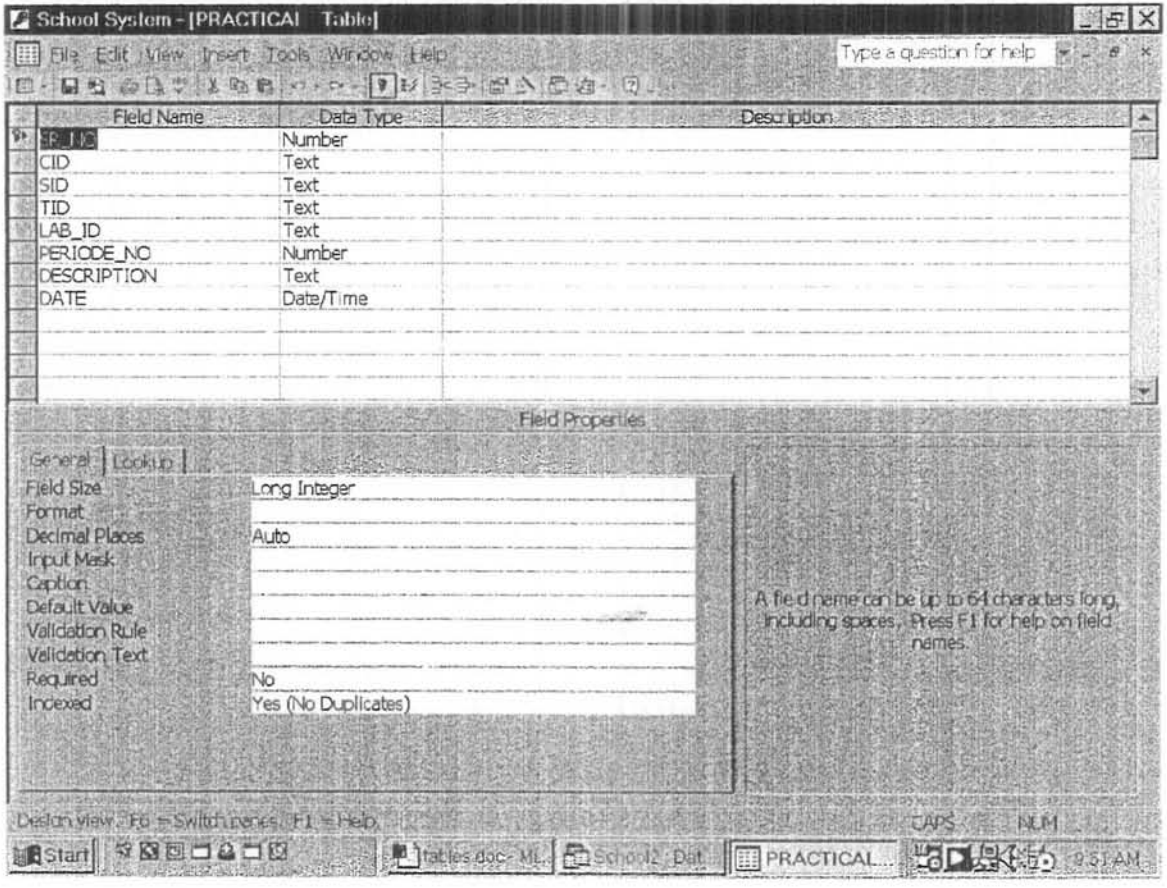

School System
File Edit View Insert Tools Window Help
Type a question for help
COMSUME : Table
Field Name
Data Type
Description
COLC_ID
Number
ITEM_ID
Number
LAB_ID
Text
CONSUME_QTY
Text
DATE
Date/Time
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
0
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
tables doc - Mi...
School2 : Dat...
COMSUME ...
9:46 AM


School System
File Edit View Insert Tools Window Help
Type a question for help
DAMAGE : Table
Field Name
Data Type
Description
DEMAGE_ID
Number
LAB_ID
Text
ITEM_ID
Number
DEMAGE_QTY
Text
DATE
Date/Time
REMARKS
Text
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
0
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
NUM
Start
tables.doc - Mi...
School2 : Dat...
DAMAGE : ...
9:48 AM

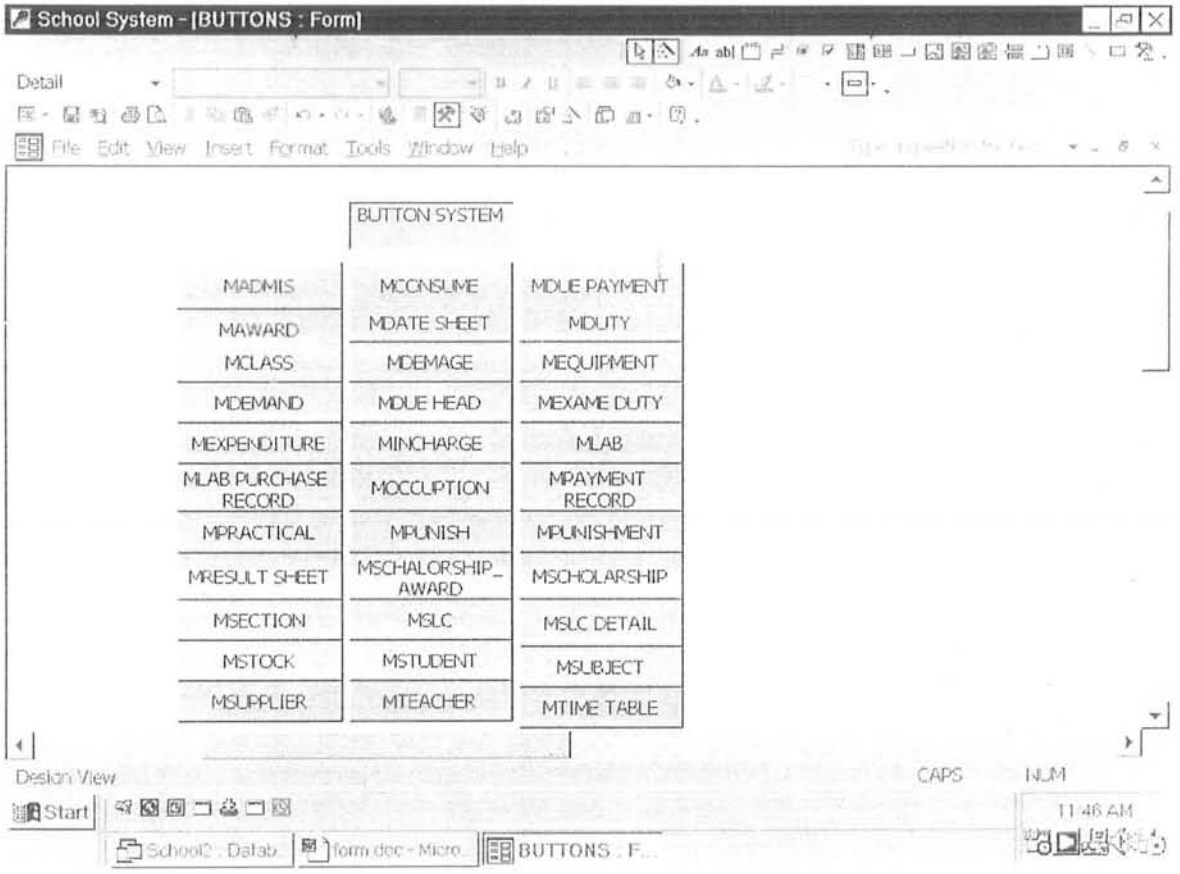

School System - [LAB PURCHASE RECORD : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
PR_NO
Number
ITEM_ID
Number
LAB_ID
Text
SUP_ID
Number
EXP_ID
Text
QTY
Text
UNITE PRICE
Number
TOTAL AMOUNT
Number
DATE
Date/Time
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
tables do...
School2
DEMAN...
LAB P...
8:07 AM

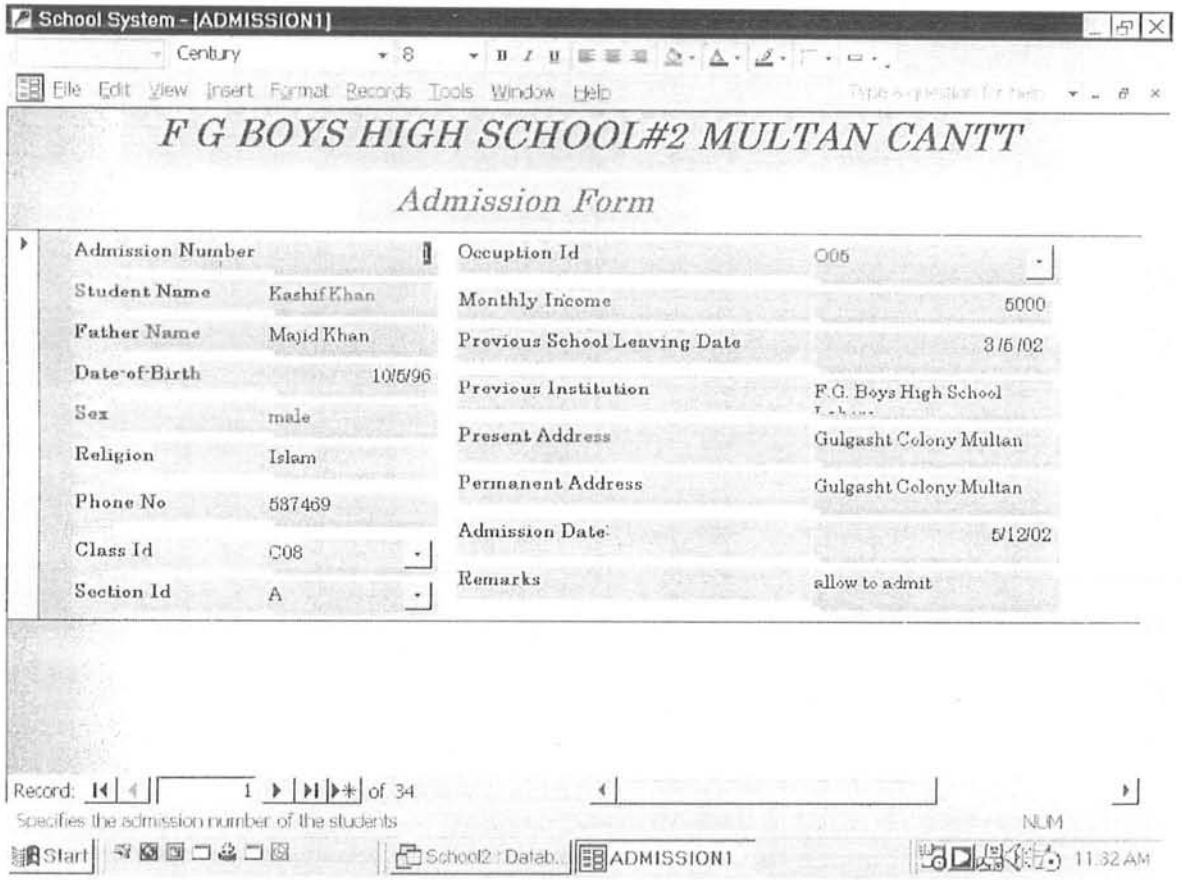

School System - [DEMAND : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
DEM_NO
Text
LAB_ID
Text
ITEM_ID
Number
QTY DEMAND
Text
SUP_ID
Number
DATE OF DEMAND
Date/Time
Field Properties
General
Lookup
Field Size
5
Format
Input Mask
Caption
LABORATORY ID
Default Value
Validation Rule
Validation Text
Required
No
Allow Zero Length
Yes
Indexed
Yes (Duplicates OK)
Unicode Compression
Yes
IME Mode
No Control
IME Sentence Mode
None
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
tables.doc - Mi...
School2 : Dat...
DEMAND : ...
9:54 AM

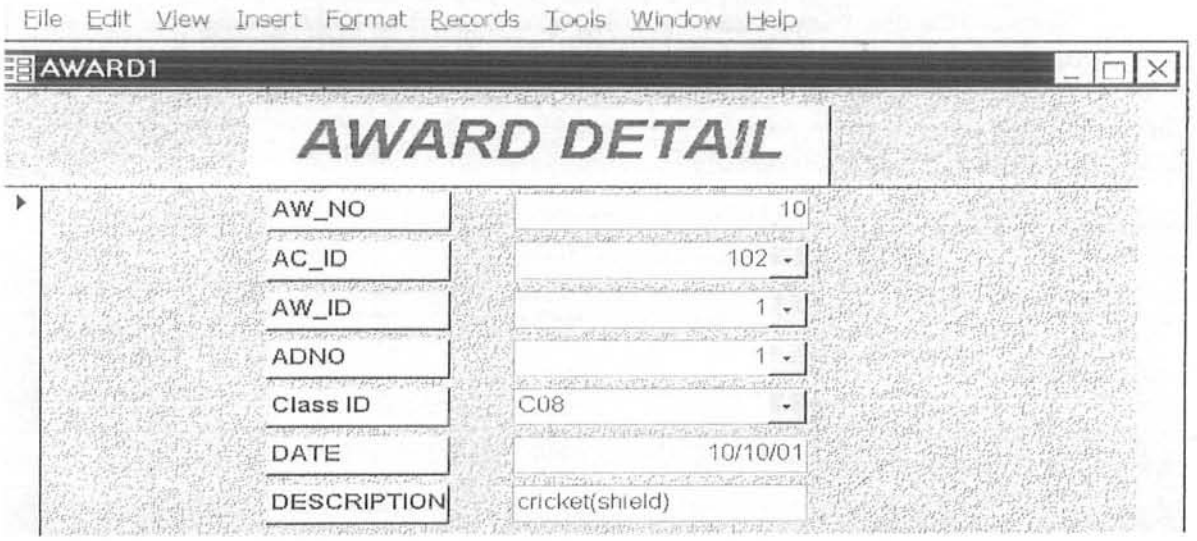

School System - [STOCK : Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
ITEM_ID
Number
LAB_ID
Text
ITEM NAME
Text
QTY AVAIABLE
Text
DATE
Date/Time
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = help.
CAPS
NUM
Start
tables doc - Mi...
School : Dat...
STOCK : Ta...
9:58 AM

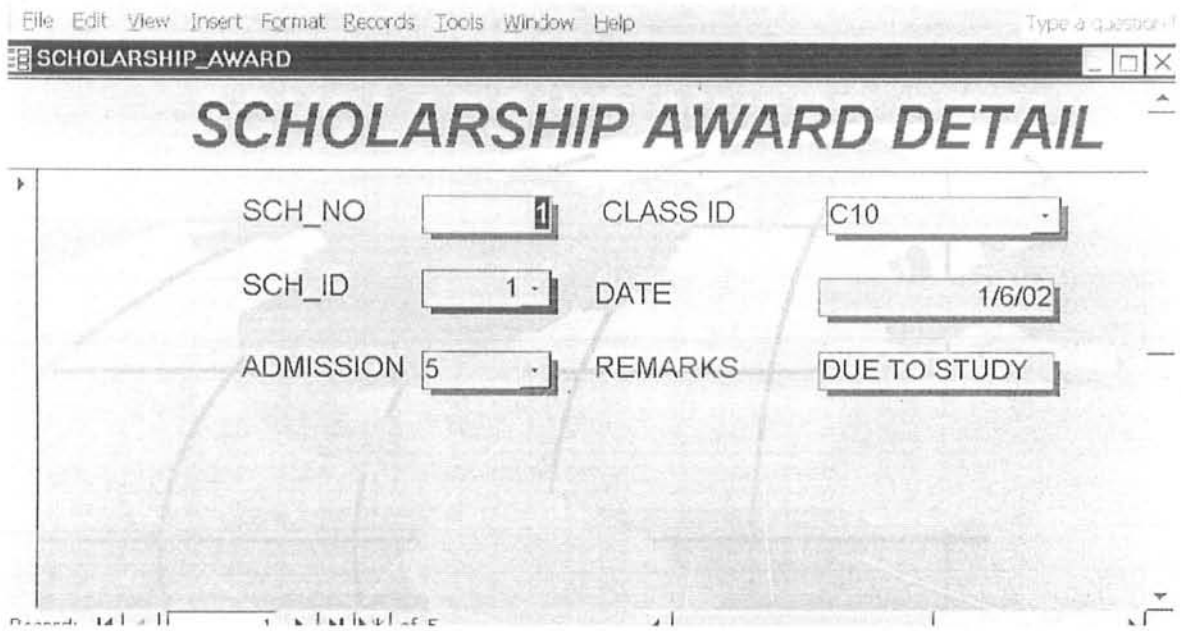

School System - [PRACTICAL Table]
File Edit View Insert Tools Window Help
Type a question for help
Field Name
Data Type
Description
SR_NO
Number
CID
Text
SID
Text
TID
Text
LAB_ID
Text
PERIODE_NO
Number
DESCRIPTION
Text
DATE
Date/Time
Field Properties
General
Lookup
Field Size
Long Integer
Format
Decimal Places
Auto
Input Mask
Caption
Default Value
Validation Rule
Validation Text
Required
No
Indexed
Yes (No Duplicates)
A field name can be up to 64 characters long, including spaces. Press F1 for help on field names.
Design view. F6 = Switch panes. F1 = Help.
CAPS
NUM
Start
Tables.doc - Mi...
School2 : Dat...
PRACTICAL...
9:51 AM

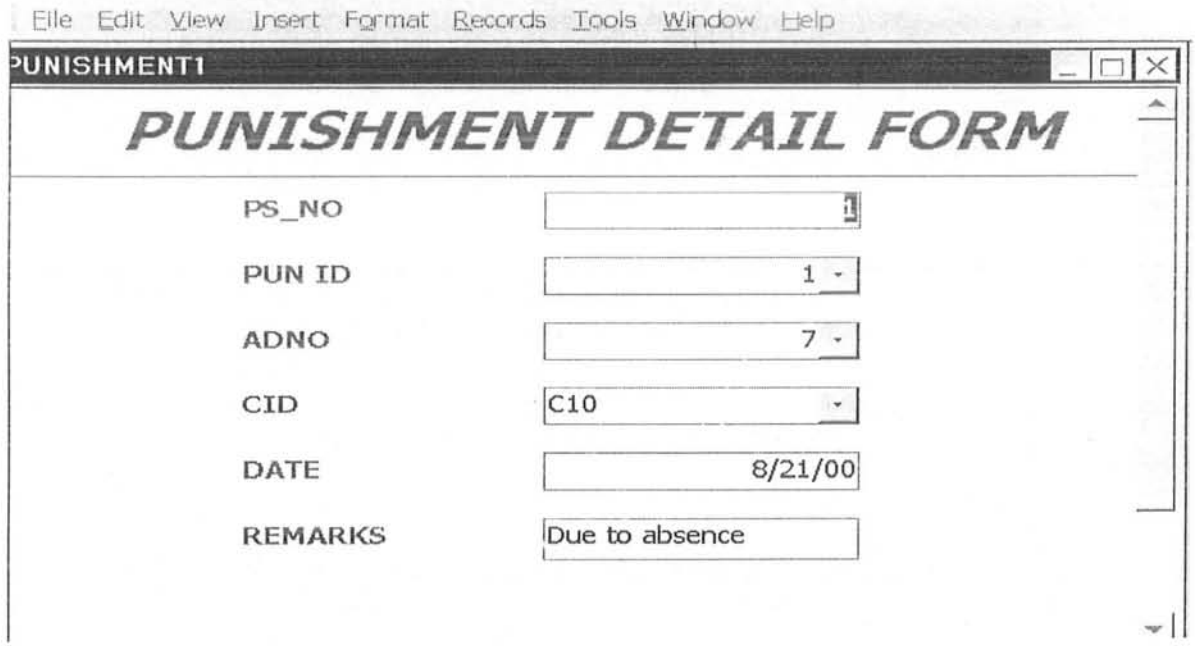
APPENDIX-C FORMS

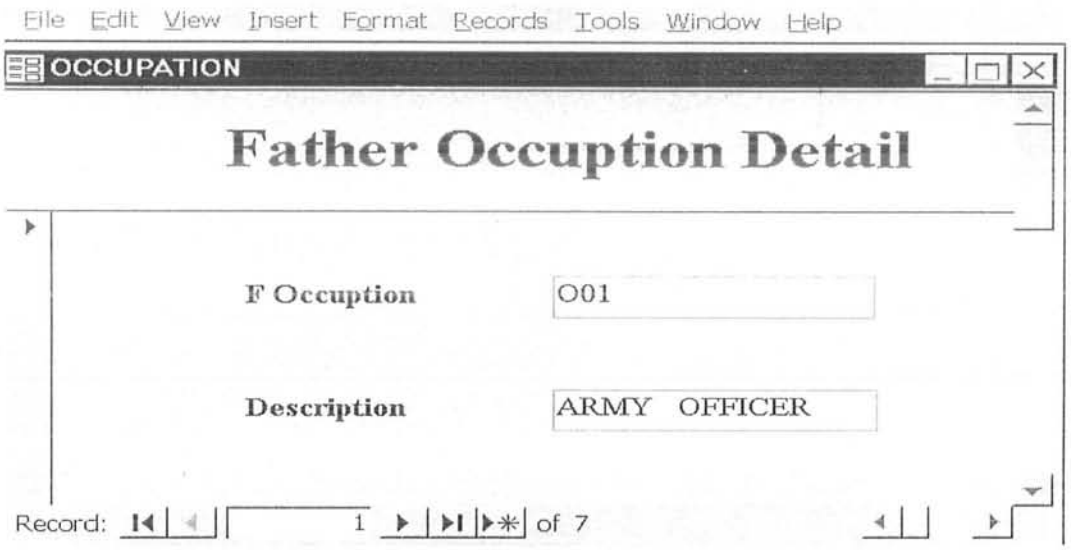

School System - [BUTTONS : Form]
Detail
File Edit View Insert Format Tools Window Help
BUTTON SYSTEM
MADMIS
MAWARD
MCLASS
MDEMAND
MEXPENDITURE
MLAB PURCHASE RECORD
MPRACTICAL
MRESULT SHEET
MSECTION
MSTOCK
MSUPPLIER
MCONSUME
MDATE SHEET
MDEMAGE
MDUE HEAD
MINCHARGE
MOCCUPTION
MPUNISH
MSCHALORSHIP_AWARD
MSLC
MSTUDENT
MTEACHER
MDUE PAYMENT
MDUTY
MEQUIPMENT
MEXAME DUTY
MLAB
MPAYMENT RECORD
MPUNISHMENT
MSCHOLARSHIP
MSLC DETAIL
MSUBJECT
MTIME TABLE
Design View
CAPS
NUM
Start
11:46 AM
School2 : Datab...
form.doc - Micro...
BUTTONS : F...

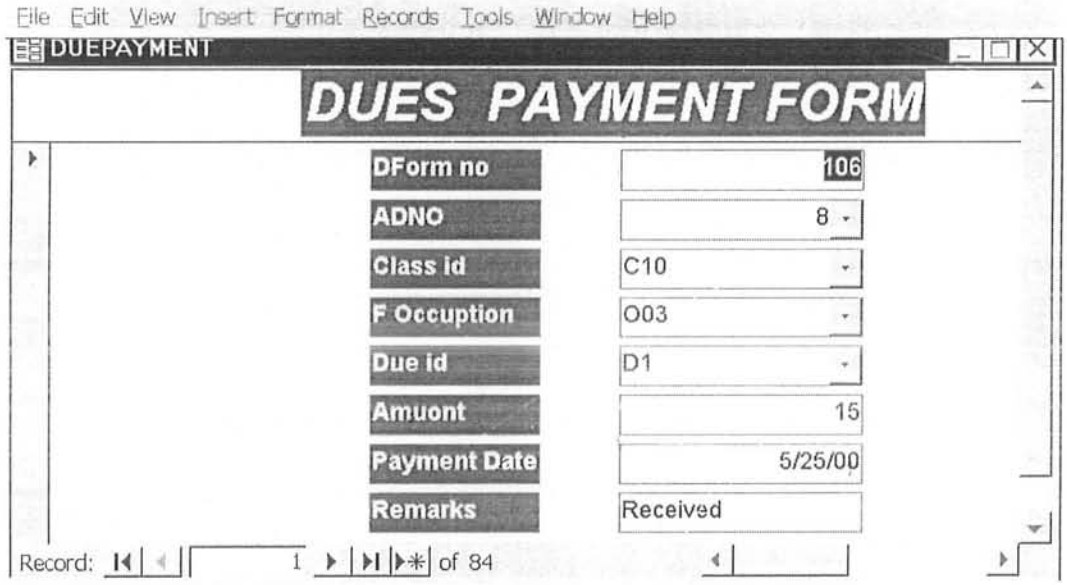

School System - [ADMISSION1]
Century
8
File Edit View Insert Format Records Tools Window Help
F G BOYS HIGH SCHOOL#2 MULTAN CANTT
Admission Form
Admission Number
Student Name Kashif Khan
Father Name Majid Khan
Date-of-Birth 10/5/96
Sex male
Religion Islam
Phone No 587469
Class Id C08
Section Id A
Occuption Id 005
Monthly Income 5000
Previous School Leaving Date 3/6/02
Previous Institution F.G. Boys High School
Present Address Gulgasht Colony Multan
Permanent Address Gulgasht Colony Multan
Admission Date 5/12/02
Remarks allow to admit
Record: 1 of 34
Specifies the admission number of the students
NUM
Start
School2 : Datab...
ADMISSION1
11:32 AM

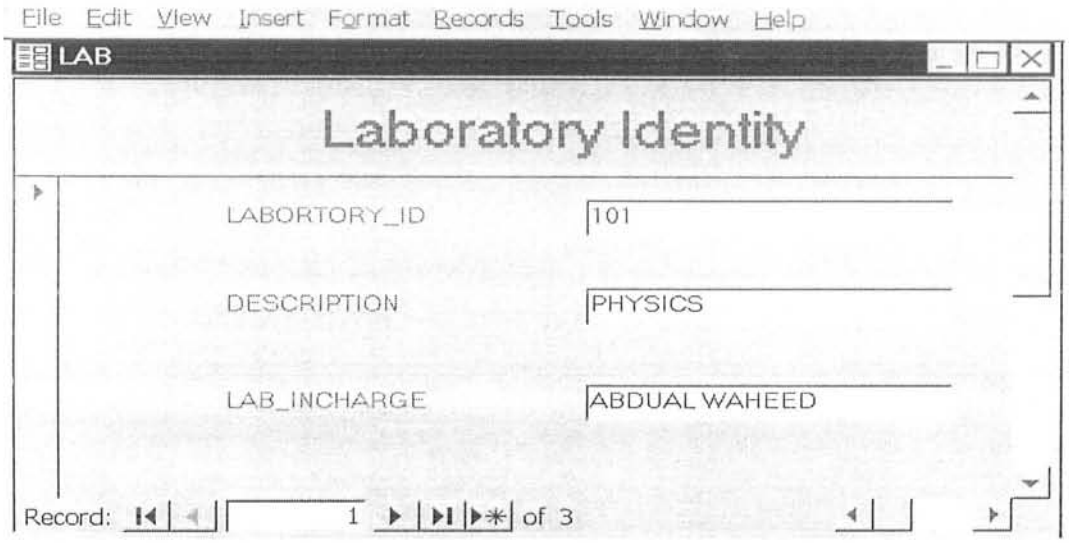

File Edit View Insert Format Records Tools Window Help
AWARD1
AWARD DETAIL
AW_NO 10
AC_ID 102
AW_ID 1
ADNO 1
Class ID C08
DATE 10/10/01
DESCRIPTION cricket(shield)

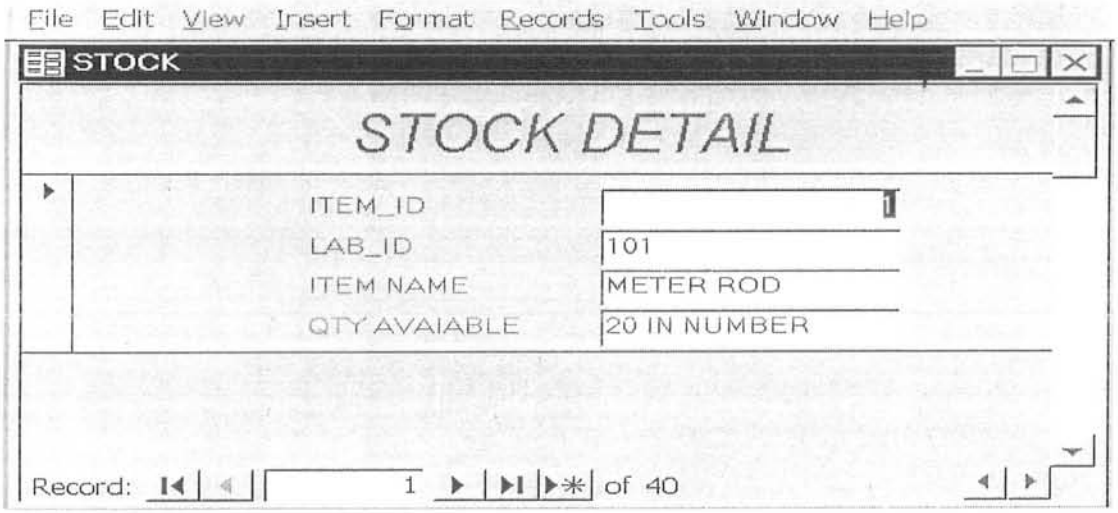

File Edit View Insert Format Records Tools Window Help
SCHOLARSHIP_AWARD
SCHOLARSHIP AWARD DETAIL
SCH_NO
1
CLASS ID
C10
SCH_ID
1
DATE
1/6/02
ADMISSION
5
REMARKS
DUE TO STUDY

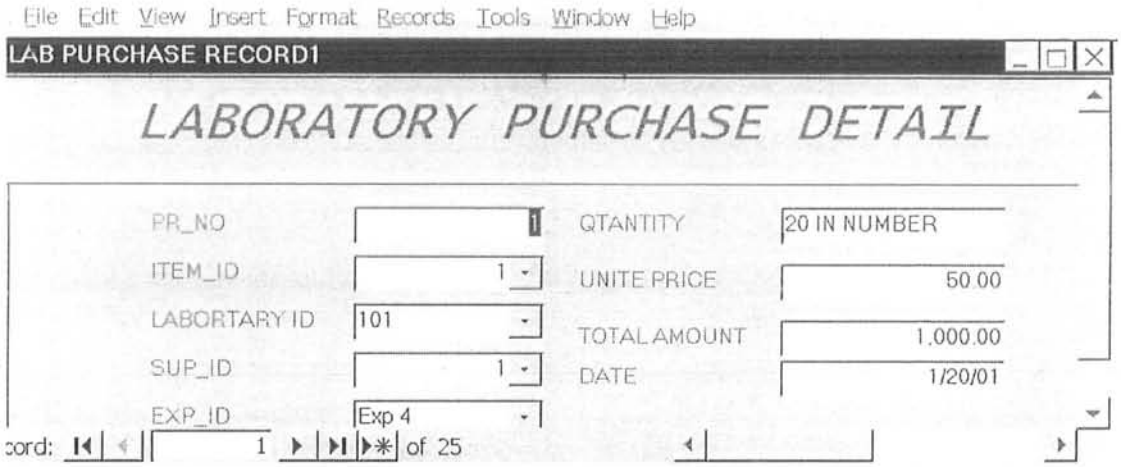

File Edit View Insert Format Records Tools Window Help
PUNISHMENT1
PUNISHMENT DETAIL FORM
PS_NO
1
PUN ID
1
ADNO
7
CID
C10
DATE
8/21/00
REMARKS
Due to absence

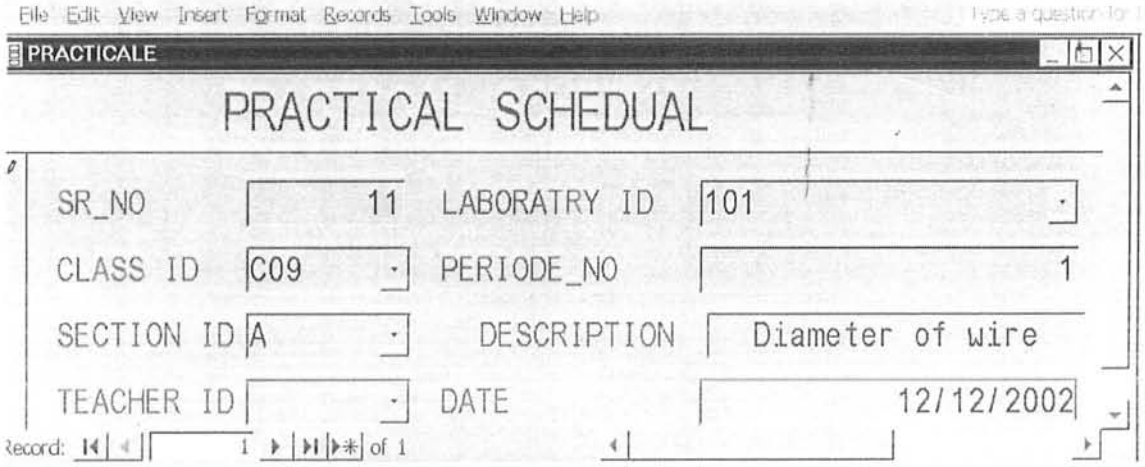

File Edit View Insert Format Records Tools Window Help
OCCUPATION
Father Occuption Detail
F Occuption
O01
Description
ARMY OFFICER
Record: 1 of 7

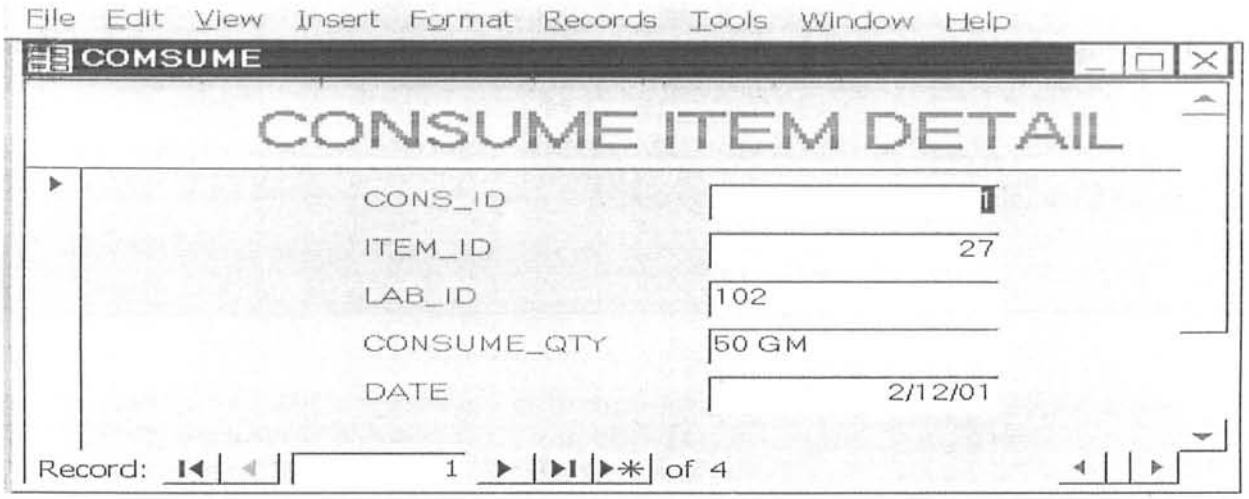

File Edit View Insert Format Records Tools Window Help
DUEPAYMENT
DUES PAYMENT FORM
DForm no
106
ADNO
8
Class id
C10
F Occuption
O03
Due id
D1
Amuont
15
Payment Date
5/25/00
Remarks
Received
Record: 1 of 84

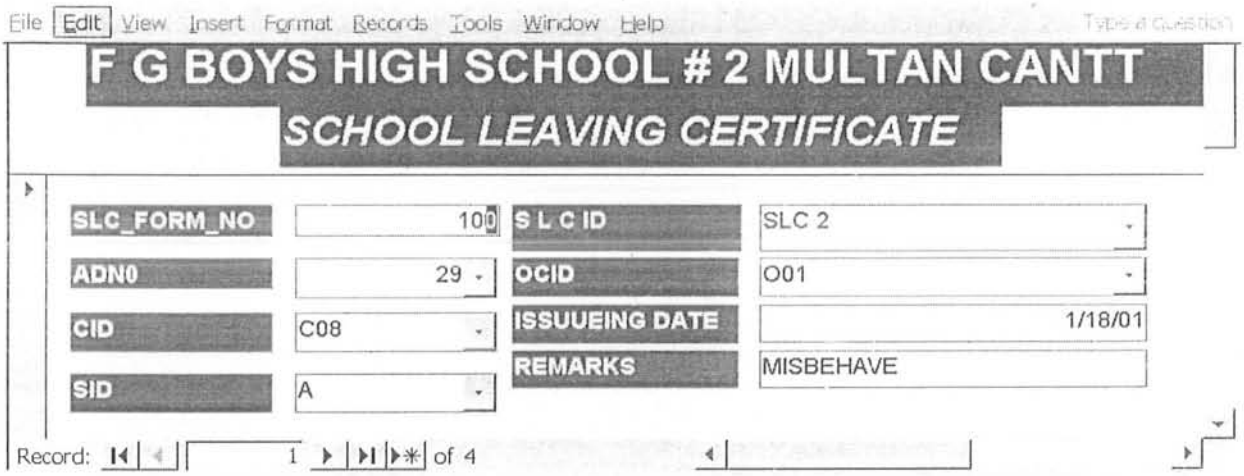

File Edit View Insert Format Records Tools Window Help
LAB
Laboratory Identity
LABORTORY_ID
101
DESCRIPTION
PHYSICS
LAB_INCHARGE
ABDUAL WAHEED
Record:
1
of 3

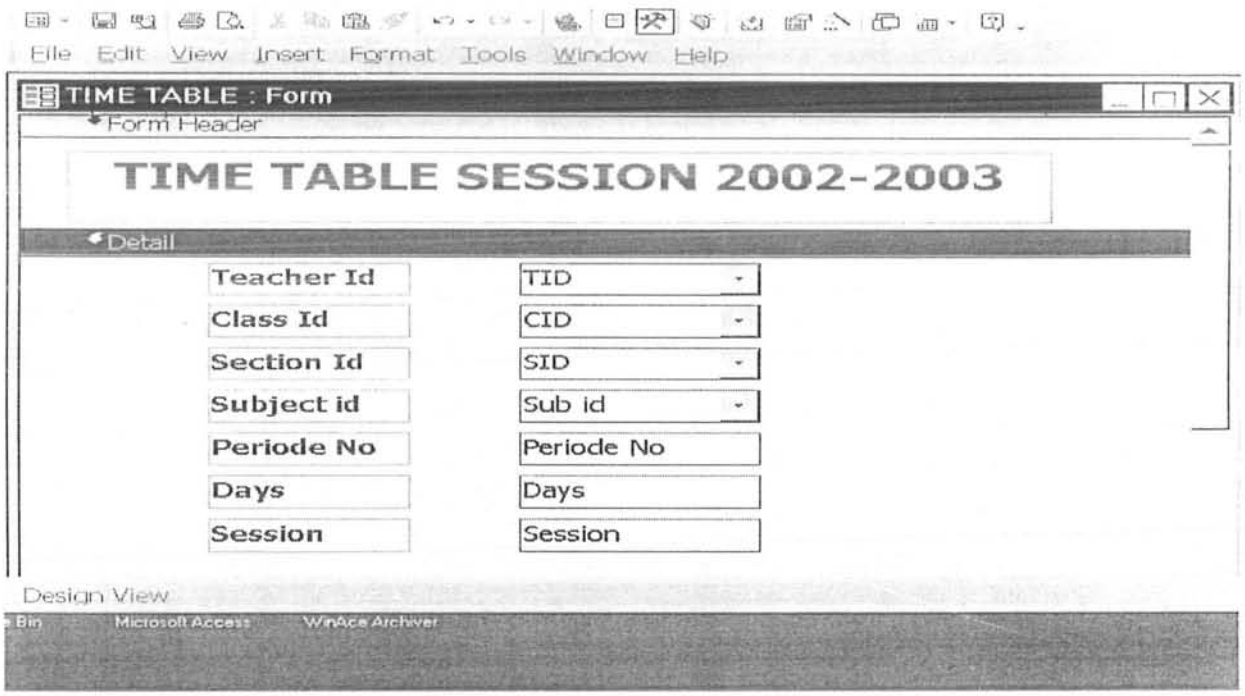

File Edit View Insert Format Records Tools Window Help
STOCK
STOCK DETAIL
ITEM_ID
1
LAB_ID
101
ITEM NAME
METER ROD
QTY AVAIABLE
20 IN NUMBER
Record:
1
of 40

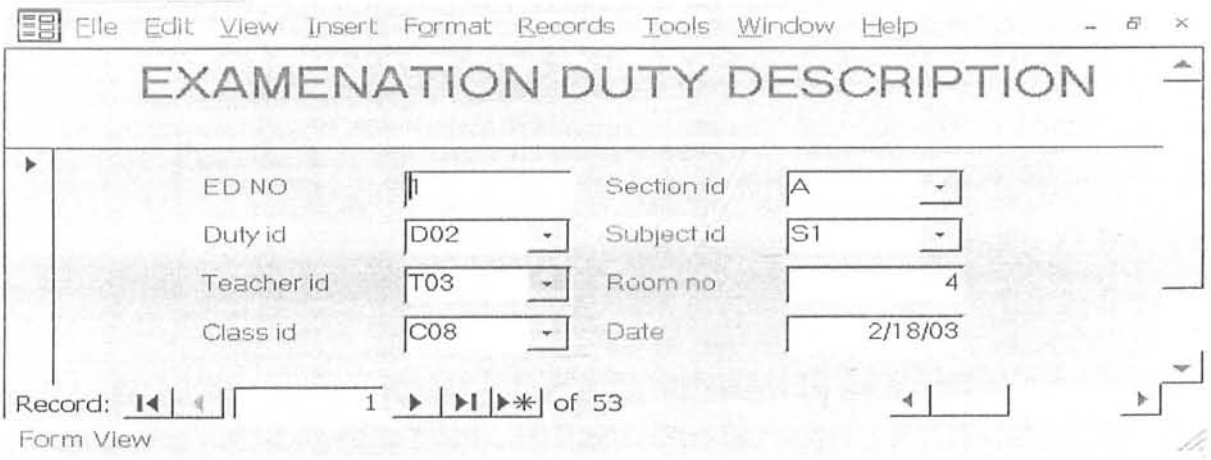

File Edit View Insert Format Records Tools Window Help
LAB PURCHASE RECORD1
LABORATORY PURCHASE DETAIL
PR_NO
1
ITEM_ID
1
LABORTARY ID
101
SUP_ID
1
EXP_ID
Exp 4
QTANTITY
20 IN NUMBER
UNITE PRICE
50.00
TOTAL AMOUNT
1,000.00
DATE
1/20/01
cord:
1
of 25

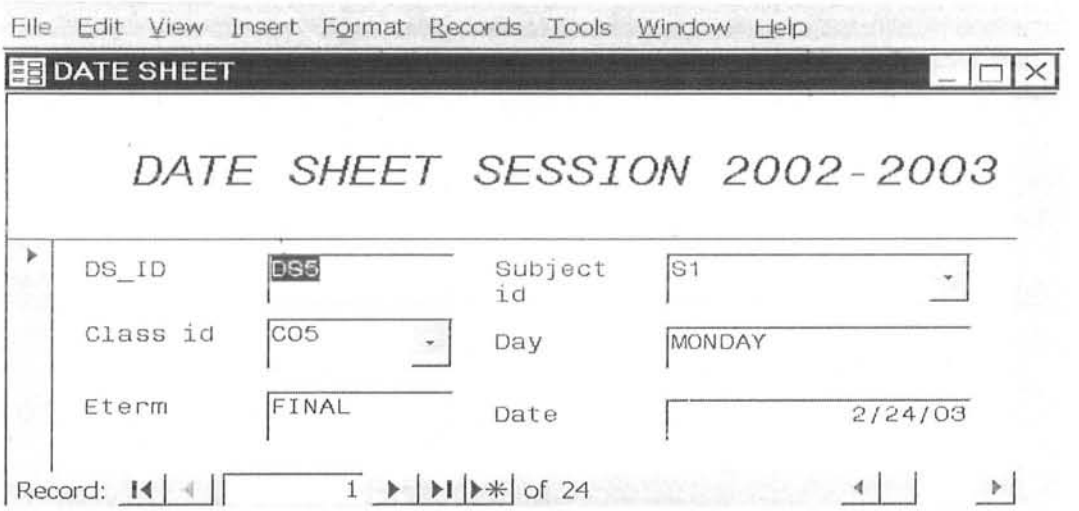

File Edit View Insert Format Records Tools Window Help
PRACTICALE
PRACTICAL SCHEDUAL
SR_NO
11
CLASS ID
C09
SECTION ID
A
TEACHER ID
LABORATRY ID
101
PERIODE_NO
1
DESCRIPTION
Diameter of wire
DATE
12/12/2002
Record:
1
of 1


File Edit View Insert Format Records Tools Window Help
COMSUME
CONSUME ITEM DETAIL
CONS_ID
1
ITEM_ID
27
LAB_ID
102
CONSUME_QTY
50 GM
DATE
2/12/01
Record:
1
of 4

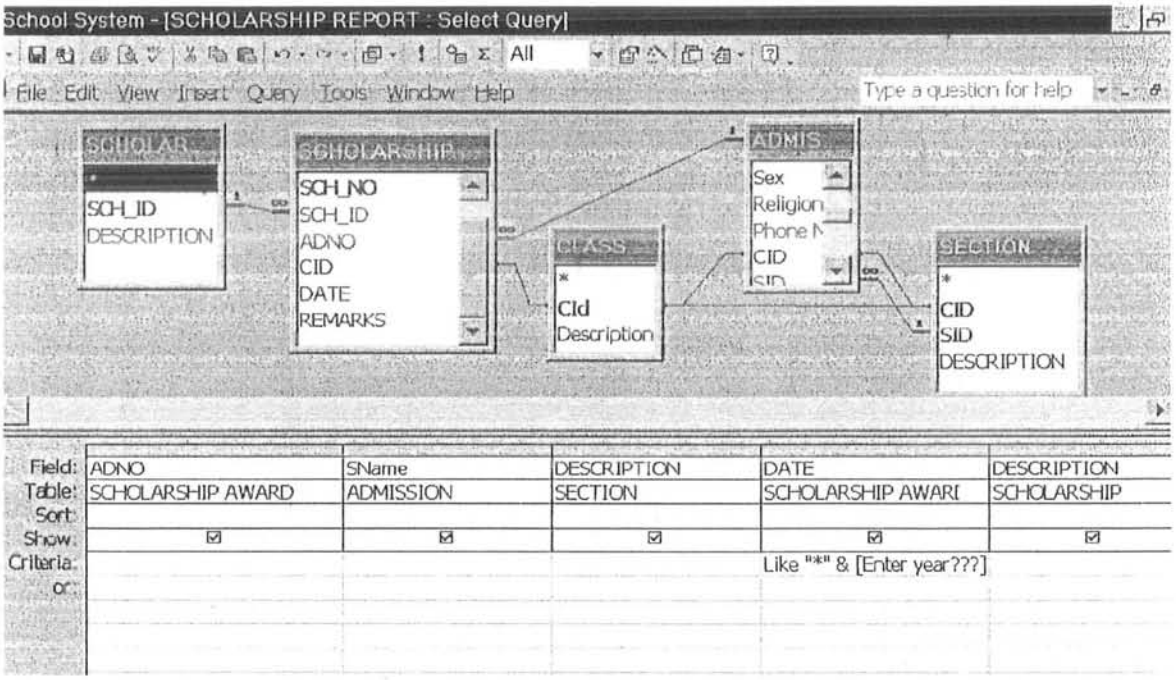

File Edit View Insert Format Records Tools Window Help
F G BOYS HIGH SCHOOL # 2 MULTAN CANTT
SCHOOL LEAVING CERTIFICATE
SLC_FORM_NO
100
S L C ID
SLC 2
ADN0
29
OCID
O01
CID
C08
ISSUUEING DATE
1/18/01
SID
A
REMARKS
MISBEHAVE
Record:
1
of 4

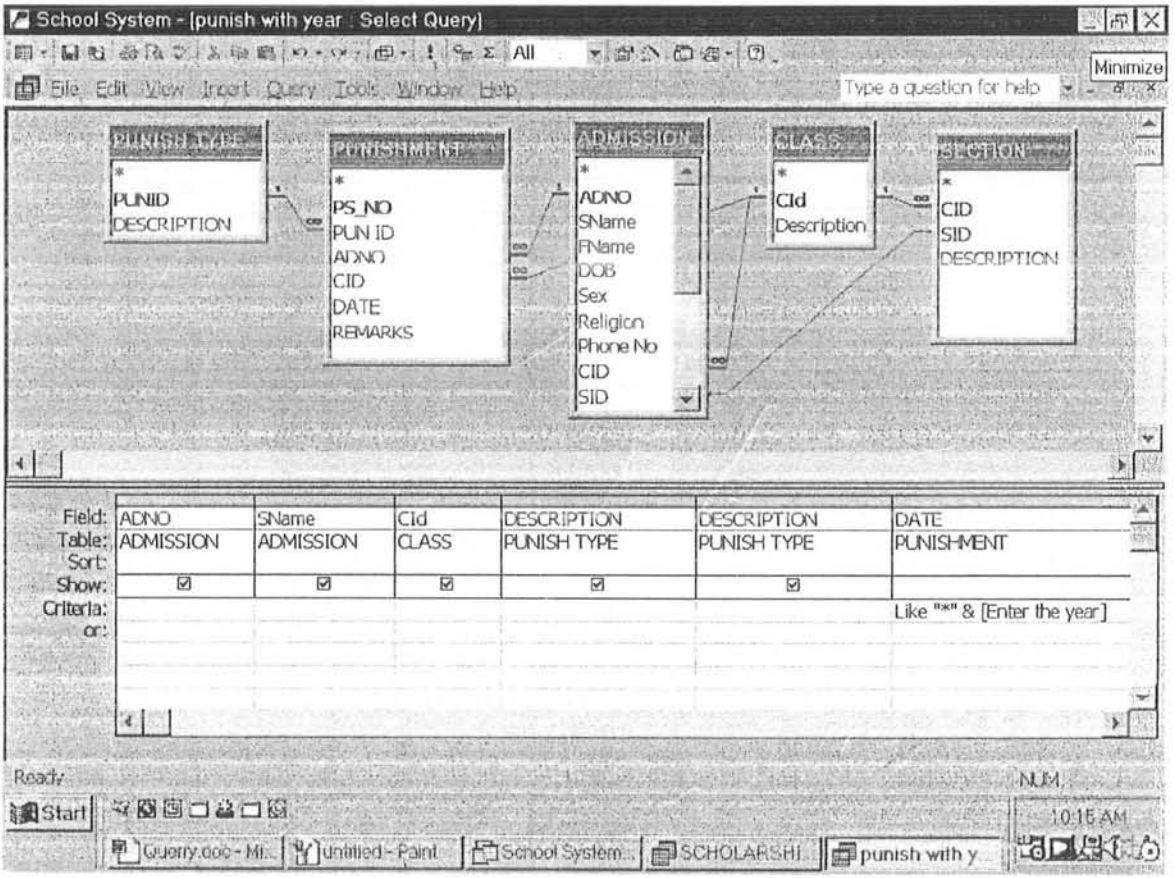

File Edit View Insert Format Tools Window Help
TIME TABLE : Form
Form Header
TIME TABLE SESSION 2002-2003
Detail
Teacher Id
TID
Class Id
CID
Section Id
SID
Subject id
Sub id
Periode No
Periode No
Days
Days
Session
Session
Design View
Bin
Microsoft Access
WinAce Archiver

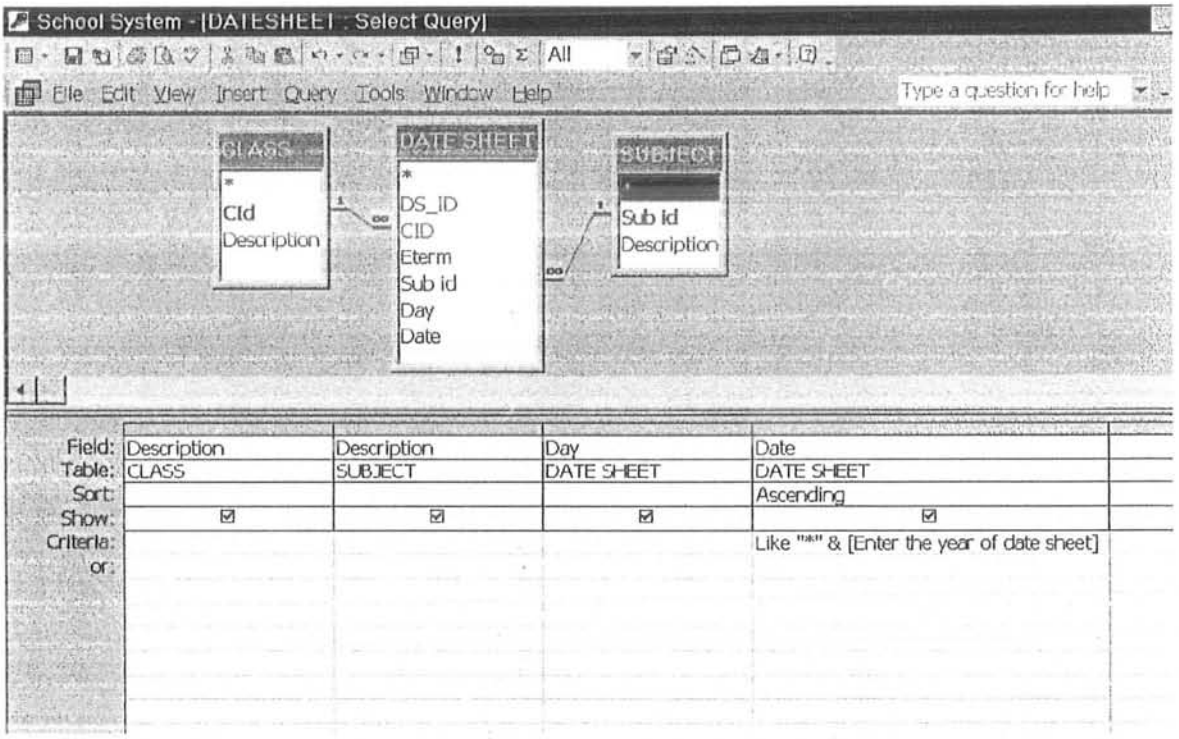

File Edit View Insert Format Records Tools Window Help
EXAMENATION DUTY DESCRIPTION
ED NO
1
Section id
A
Duty id
D02
Subject id
S1
Teacher id
T03
Room no
4
Class id
C08
Date
2/18/03
Record:
1
of 53
Form View


File Edit View Insert Format Records Tools Window Help
DATE SHEET
DATE SHEET SESSION 2002-2003
DS_ID
DS5
Subject id
S1
Class id
CO5
Day
MONDAY
Eterm
FINAL
Date
2/24/03
Record:
1
of 24

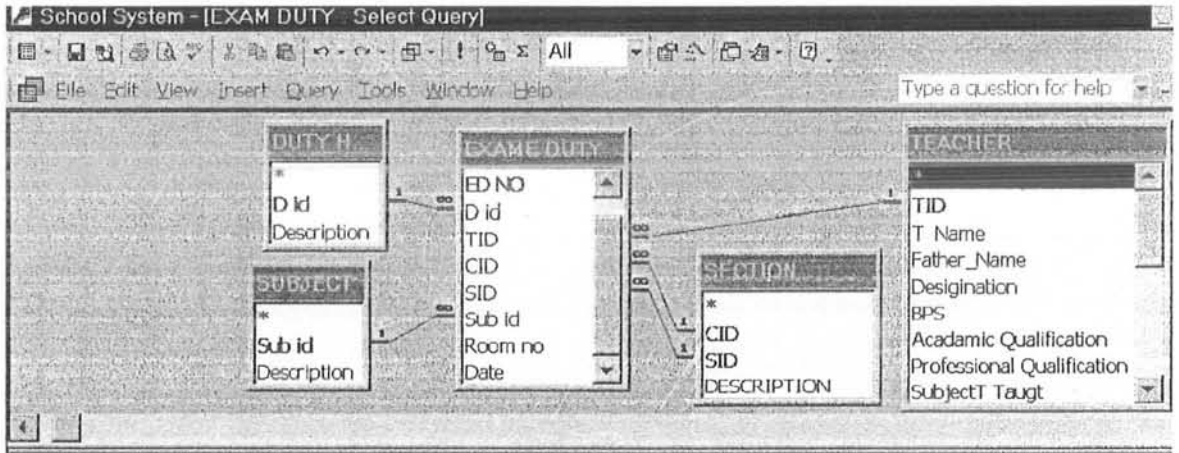
APPENDIX-D QUERIES


School System - [SCHOLARSHIP REPORT : Select Query]
File Edit View Insert Query Tools Window Help
Type a question for help
SCHOLAR
SCH_ID
DESCRIPTION
SCHOLARSHIP
SCH_NO
SCH_ID
ADNO
CID
DATE
REMARKS
CLASS
CId
Description
ADMIS
Sex
Religion
Phone N
CID
SECTION
CID
SID
DESCRIPTION
Field: ADNO | SName | DESCRIPTION | DATE | DESCRIPTION
Table: SCHOLARSHIP AWARD | ADMISSION | SECTION | SCHOLARSHIP AWARI | SCHOLARSHIP
Sort:
Show:
Criteria:
or:
Like "*" & [Enter year???]

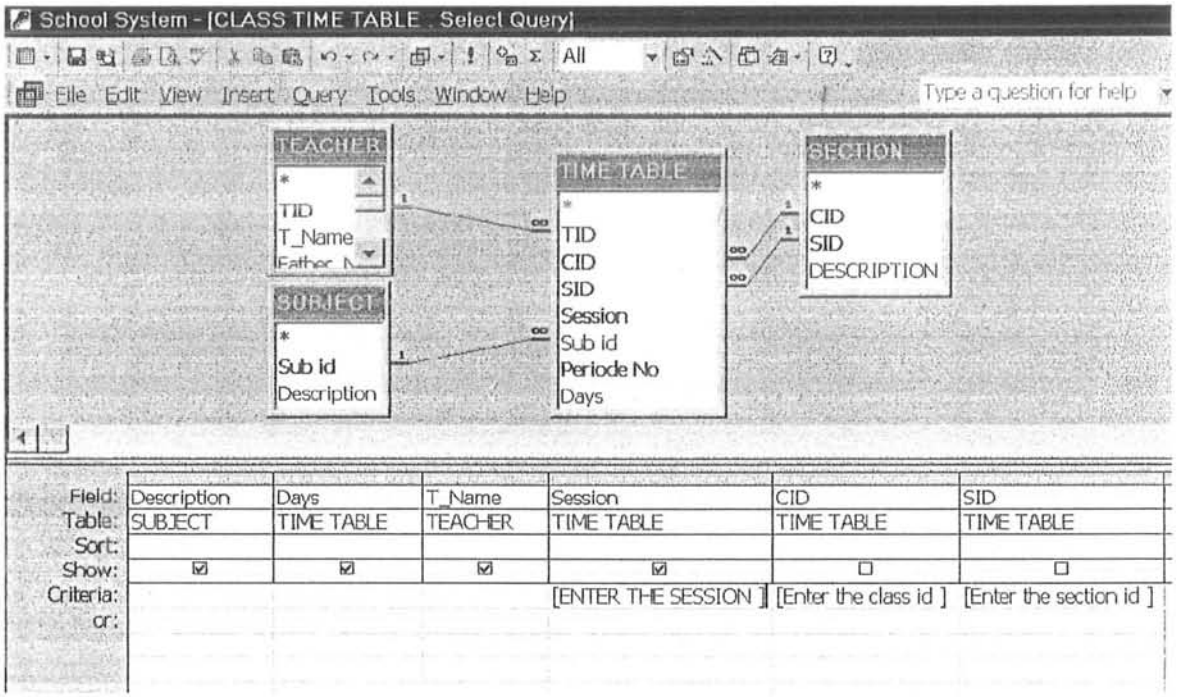

School System - [punish with year : Select Query]
File Edit View Insert Query Tools Window Help
Type a question for help
Minimize
PUNISH TYPE
PUNID
DESCRIPTION
PUNISHMENT
PS_NO
PUN ID
ADNO
CID
DATE
REMARKS
ADMISSION
ADNO
SName
FName
DOB
Sex
Religion
Phone No
CID
SID
CLASS
CId
Description
SECTION
CID
SID
DESCRIPTION
Field: ADNO | SName | CId | DESCRIPTION | DESCRIPTION | DATE
Table: ADMISSION | ADMISSION | CLASS | PUNISH TYPE | PUNISH TYPE | PUNISHMENT
Sort:
Show:
Criteria:
or:
Like "*" & [Enter the year]
Ready
NUM
Start
Query.doc - Mi...
untitled - Paint
School System...
SCHOLARSHI...
punish with y...
10:15 AM



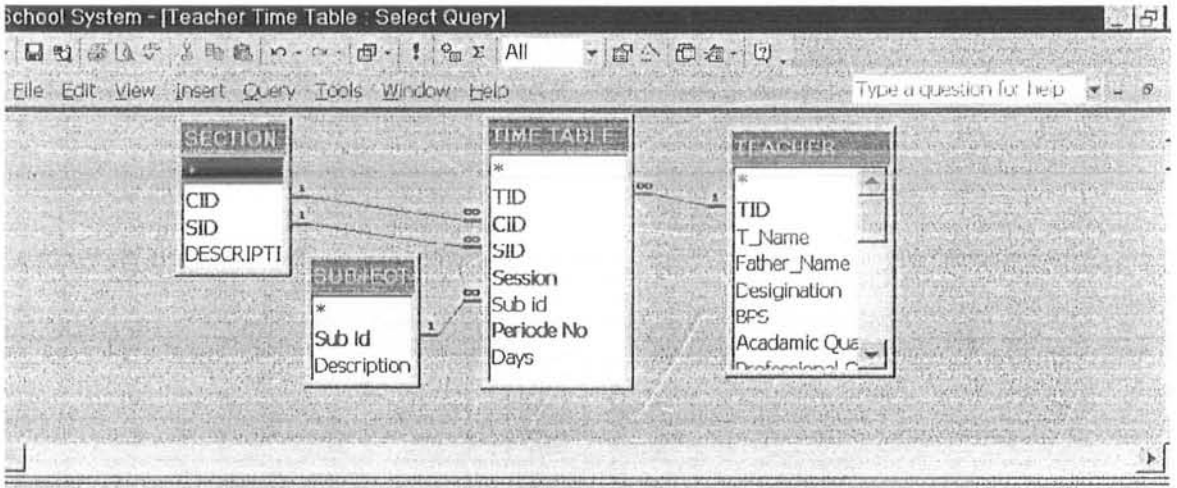
Field:	Description	Description	Day	Date
Table:	CLASS	SUBJECT	DATE SHEET	DATE SHEET
Sort:				Ascending
Show:	☑	☑	☑	☑
Criteria:				Like "*" & [Enter the year of date sheet]
or:				



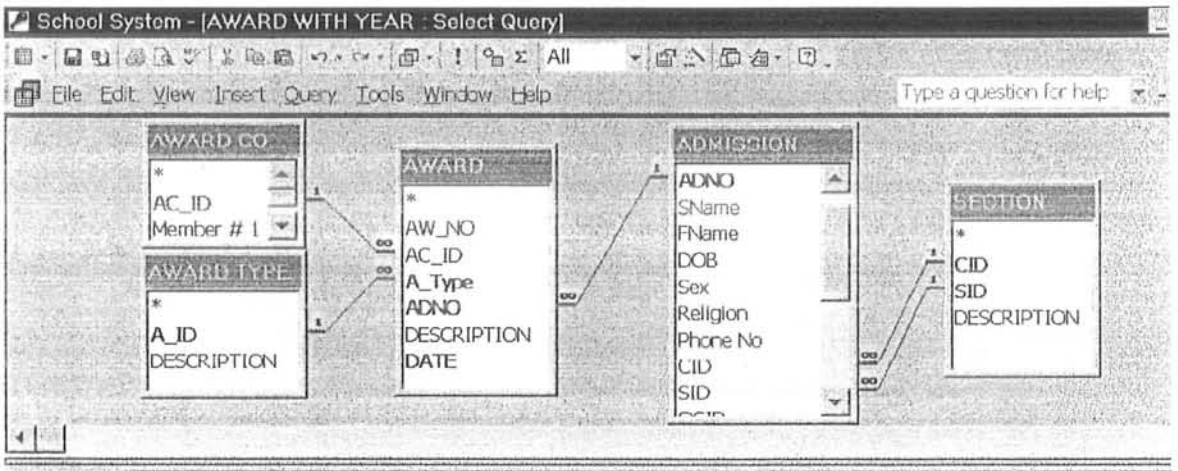
Field:	TID	Description	DESCRIPTION	Description	Date	Room no
Table:	EXAME DUTY	DUTY HEAD	SECTION	SUBJECT	EXAME DUTY	EXAME D
Sort:						
Show:	☑	☑	☑	☑	☑	
Criteria:	[ENTER TEACHER ID]				Like "*" & [Enter the Year of Duty]	
or:						



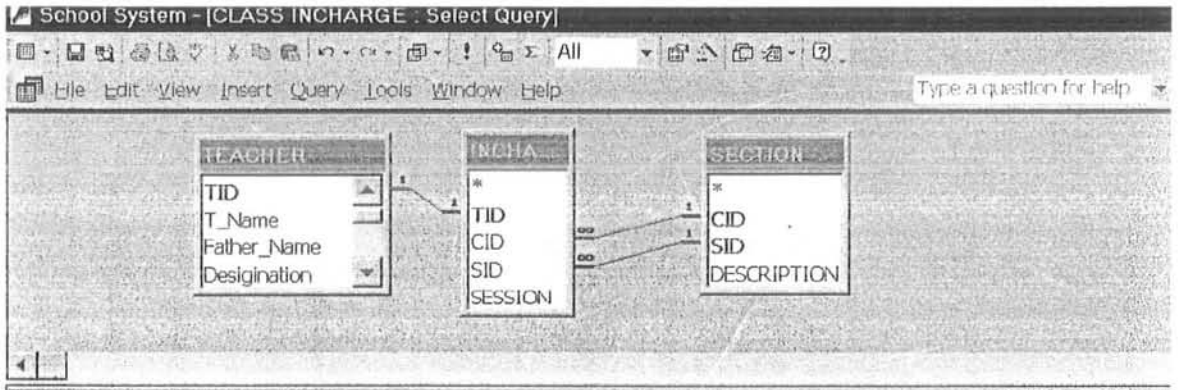
Field:	Description	Days	T_Name	Session	CID	SID
Table:	SUBJECT	TIME TABLE	TEACHER	TIME TABLE	TIME TABLE	TIME TABLE
Sort:						
Show:	☑	☑	☑	☑	☐	☐
Criteria:				[ENTER THE SESSION]	[Enter the class id]	[Enter the section id]
or:						



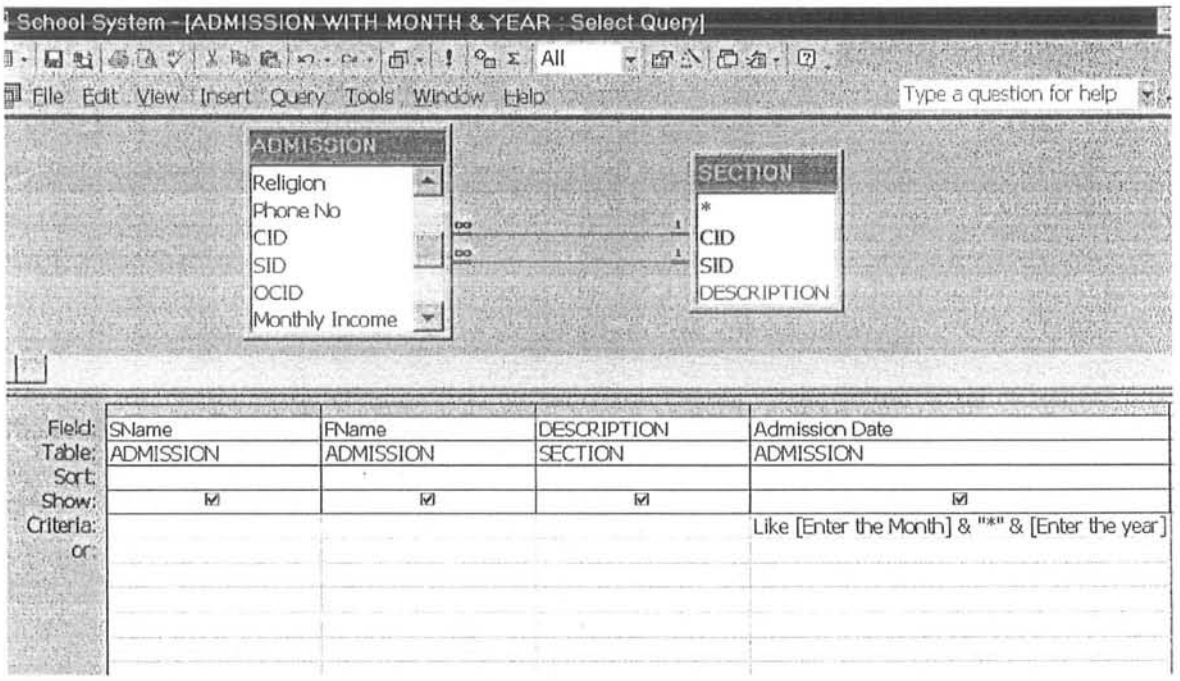
Field:	T_Name	TID	DESCRIPTION	Session	Periode No	Days	Description
Table:	TEACHER	TIME TABLE	SECTION	TIME TABLE	TIME TABLE	TIME TABLE	SUBJECT
Sort:					Ascending		
Show:	☑	☑	☑	☑	☑	☑	☑
Criteria:		[Enter the Teacher ID]		[Enter the Session?]			
or:							



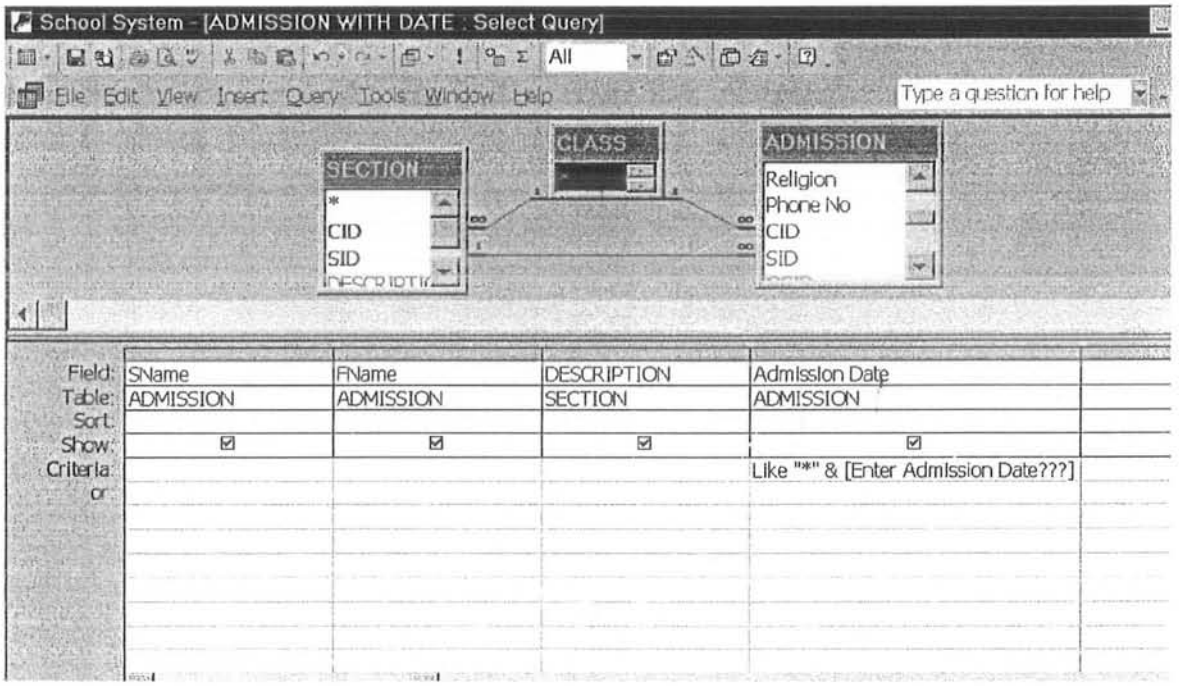
Field:	Member # 1	Member # 2	SName	DESCRIPTI	DESCRIPTIO	DATE
Table:	AWARD COMM	AWARD COMM	ADMISSION	AWARD	SECTION	AWARD
Sort:						
Show:	☑	☑	☑	☑	☑	☑
Criteria:						Like "*" & [Enter the Year]
or:						



Field:	TID	T_Name	DESCRIPTION	SESSION
Table:	TEACHER	TEACHER	SECTION	INCHARGE
Sort:				
Show:	☑	☑	☑	☑
Criteria:				Like "*" & [ENTER SESSION]
or:				



Field:	SName	FName	DESCRIPTION	Admission Date
Table:	ADMISSION	ADMISSION	SECTION	ADMISSION
Sort:				
Show:	☑	☑	☑	☑
Criteria:				Like [Enter the Month] & "*" & [Enter the year]
or:				



Field:	SName	FName	DESCRIPTION	Admission Date
Table:	ADMISSION	ADMISSION	SECTION	ADMISSION
Sort:				
Show:	☑	☑	☑	☑
Criteria:				Like "*" & [Enter Admission Date???]
or:				

APPENDIX-E REPORTS

Admission with Class and Section

Class 8TH A

Admission No.	Student Name	Father Name	Date-of-Birth	Admission Date
1	KASHIF KHAN	MAJID KHAN	10/5/1996	5/12/2002
25	Akbar	Adam khan	12/25/1990	5/2/2002
35	Javed Ali	M Ehsan	11/25/1991	5/15/2002
36	M sajid	Abbas Ali	10/26/1990	5/11/2002

Admission With Occupation

Occuption ARMY OFFICER

Admission No.	Student Name	Class	Admission Date
3	ASAM ASGHAR	10TH A	5/10/2002
4	KHALID ABBAS	10TH B	5/20/2002
6	SARFRAZ IQBAL	10TH B	5/15/2002
11	Nasir	IST A	4/20/2002

Admission with Month Year

Admission No.	Student Name	Father Name	Class	Admission Date
1	KASHIF KHAN	MAJID KHAN	8TH A	5/12/2002
2	M NAEEM	Abdul Rahim	5TH B	5/12/2002
3	ASAM ASGHAR	m asghar	10TH A	5/10/2002
4	KHALID ABBAS	muhammad abbas	10TH B	5/20/2002
5	MUHAMMAD USMAN	muhammad ali	10TH B	5/25/2002
6	SARFRAZ IQBAL	muhammad iqbal	10TH B	5/15/2002
7	MUHAMMAD NAVEED	muhammad aslam	10TH A	5/25/2002
8	MUHAMMAD RASID	Muhammad Ahmed	10TH A	5/25/2002
9	SALMAN AHMED	Abid Hussain	9TH A	5/29/2002
21	Zubair ali	Fahim ahmed	3RD B	5/16/2002
22	Younis khan	Allah Detta Khan	3RD B	5/16/2002
23	Hassan Aslam	Muhammad Aslam	3RD B	5/16/2002
24	Kashif	Latif	3RD B	5/16/2002
25	Akbar	Adam khan	8TH A	5/2/2002
35	Javed Ali	M Ehsan	8TH A	5/15/2002
36	M sajid	Abbas Ali	8TH A	5/11/2002

Admission with Month Year

Admission No.	Student Name	Father Name	Class	Admission Date
1	KASHIF KHAN	MAJID KHAN	8TH A	5/12/2002
2	M NAEEM	Abdul Rahim	5TH B	5/12/2002
3	ASAM ASGHAR	m asghar	10TH A	5/10/2002
4	KHALID ABBAS	muhammad abbas	10TH B	5/20/2002
5	MUHAMMAD USMAN	muhammad ali	10TH B	5/25/2002
6	SARFRAZ IQBAL	muhammad iqbal	10TH B	5/15/2002
7	MUHAMMAD NAVEED	muhammad aslam	10TH A	5/25/2002
8	MUHAMMAD RASID	Muhammad Ahmed	10TH A	5/25/2002
9	SALMAN AHMED	Abid Hussain	9TH A	5/29/2002
21	Zubair ali	Fahim ahmed	3RD B	5/16/2002
22	Younis khan	Allah Detta Khan	3RD B	5/16/2002
23	Hassan Aslam	Muhammad Aslam	3RD B	5/16/2002
24	Kashif	Latif	3RD B	5/16/2002
25	Akbar	Adam khan	8TH A	5/2/2002
35	Javed Ali	M Ehsan	8TH A	5/15/2002
36	M sajid	Abbas Ali	8TH A	5/11/2002

Admission Record

Class 10TH A

Admission Date	Admission No	Student Name	Father Name
9/21/2000	27	Tabish javeed	m Javeed
9/21/2000	26	Sana Akbar	M Akbar
5/10/2002	3	ASAM ASGHAR	m asghar
5/15/2002	6	SARFRAZ IQBAL	muhammad iqbal
5/20/2002	4	KHALID ABBAS	muhammad abbas
5/25/2002	7	MUHAMMAD NAVEED	muhammad aslam
5/25/2002	5	MUHAMMAD USMAN	muhammad ali
5/25/2002	8	MUHAMMAD RASID	Muhammad Ahmed

Class 10TH B

Admission Date	Admission No	Student Name	Father Name
9/21/2000	27	Tabish javeed	m Javeed
9/21/2000	26	Sana Akbar	M Akbar
5/10/2002	3	ASAM ASGHAR	m asghar
5/15/2002	6	SARFRAZ IQBAL	muhammad iqbal
5/20/2002	4	KHALID ABBAS	muhammad abbas
5/25/2002	8	MUHAMMAD RASID	Muhammad Ahmed
5/25/2002	5	MUHAMMAD USMAN	muhammad ali
5/25/2002	7	MUHAMMAD NAVEED	muhammad aslam

Class 2ND A

Admission Date	Admission No	Student Name	Father Name
8/21/2002	18	Nadeem	Alam khan
8/21/2002	19	Shareef	Shakeel Ahmed
8/21/2002	17	Asif Mehmood	Mansoor ali
8/21/2002	16	Abid Ali	Hussain Ahmed
8/21/2002	20	Akram	Aslam

AWARD WITH YEAR

Award Type	Admission No	Member No. 1	Member No. 2	Student Name	Description	Class	DATE
Foot Ball							
	1	Muhammd Irfan	Mummad Arshed	KASHIF KHAN	cup	8TH A	11/15/2002
	30	Muhammad Aslam	Naseer Ahmed	Muhammad Nadeem	trophy	8TH A	11/15/2002
	11	Muhammad Aslam	Naseer Ahmed	Nasir	cup	IST A	11/15/2002
Hockey							
	10	Muhammad Aslam	Naseer Ahmed	Rizwan Ahmed	trophy	9TH A	11/15/2002
	9	Muhammad Aslam	Naseer Ahmed	SALMAN AHMED	trophy	9TH A	11/15/2002

CLASS INCHARGE

Session 02-03

Teacher id	T_Name	Class
T02	Rehan Qamar	10TH A
T04	Muhammad Arshad	9TH A
T05	M Yousaf Ali	2ND B
T06	M Aziz-ur-Rehman	9TH B
T07	M Latif-ur-Rehman	6TH A
T08	M Ishaq	2ND A
T09	M Rafique Anwar	3RD A
T10	M Zaheer	4TH A
T11	M Aman Ullah	IST A
T12	Ghulam Mustafa	8TH B
T13	Sibghat Ullah	5TH A
T14	Saif Siddiqi	5TH B
T15	M Saeed	7TH A
T16	M Arshad	8TH A
T17	M Liaqat Ali	3RD B
T18	Rasheed Ahmed	10TH B
T19	Munir Hussain	7TH B
T20	Latif Shahid	4TH B
T21	A Razzaq	6TH B
T22	Muhammad Yar	IST B

CLASS TIME TABLE

Section *9TH A* *Session* 02-03

Periode No	*Subject*	*Days*	*T_Name*
1	COMPUTER (th)	MTWTFS	Rehan Qamar
2	CHEMISTRY (th)	MTWTFS	Rasheed Ahmed
2	ENGLISH A	MTWTFS	Muhammad Arshad
3	ENGLISH A	WTFS	Muhammad Arshad
4	COMPUTER (th)	FS	Rehan Qamar
6	COMPUTER (th)	FS	Rehan Qamar
6	CHEMISTRY (th)	MTWT	Rasheed Ahmed

CONSUME LAB ITEM

Lab Name CHEMISTRY

DATE	ITEM NAME	QTY AVAI	QTY-CONSUME
2/12/2002	SULPHAR	500 GM	5 gm
2/12/2002	NITRIC ACID	5 LITER	50 ml
12/10/2002	SODIUM NITRATE	500 GM	5 ml
12/15/2002	SODIUM HYDRO OXIDE	500 GM	20ml
12/17/2002	CANDLE	5 PACKET	1 in number
12/17/2002	SODIUM CHOLORIDE	1 KG	10gm
12/17/2002	SODIUM CARBONIATE	500 GM	10gm
12/18/2002	SULPHURIC ACID	5 LITER	10 ml
12/18/2002	CALCIUM CARBONATE	500 GM	15gm

DAMAGE LAB ITEM

DESCRIPTION CHEMISTRY

ITEM NAME	QTY AVAI	QTY DEMAGE	DATE
GAS JAR COVER	20 IN NUM	1 IN NUMBER	2/2/2002
DELIVERY TUBE	5 KG	1 IN NUMBER	3/12/2002
VOLF BOTTLE	10 IN NUM	1 IN NUMBER	3/12/2002

DATE SHEET

CLASS.Description 5TH

Date	SUBJECT	Day
2/18/2003	MATHS	TUESDAY
2/19/2003	ISLAMIYAT	WEDNESDAY
2/20/2003	URDU	THRSDAY
2/22/2003	G.SCIENCE	SATURDAY
2/24/2003	ENGLISH	MONDAY
2/25/2003	PAK STUDIES	TUESDAY

CLASS.Description 8TH

Date	SUBJECT	Day
2/18/2003	G.SCIENCE	TUESDAY
2/19/2003	URDU A	WEDNESDAY
2/20/2003	PAK STUDIES	THURSDAY
2/21/2003	ENGLISH A	FRIDAY
2/22/2003	URDU B	SATURDAY
2/24/2003	MATHS	MONDAY
2/25/2003	ENGLISH B	TUESDAY
2/26/2003	ISLAMIYAT	WEDNESDAY

CLASS.Description 9TH

Date	SUBJECT	Day
2/18/2003	PHYSICS (th)	TUESDAY
2/19/2003	ENGLISH A	WEDNESDAY
2/20/2003	ENGLISH B	THRUSDAY
2/21/2003	CHEMISTRY (th)	FRIDAY
2/22/2003	BIOLOGY (th)	SATURDAY
2/24/2003	URDU A	MONDAY
2/25/2003	MATHS	TUESDAY

DATE SHEET OF A CLASS

Class 9TH

Date	Subject	Day
2/18/2003	PHYSICS (th)	TUESDAY
2/19/2003	ENGLISH A	WEDNESDA
2/20/2003	ENGLISH B	THRUSDAY
2/21/2003	CHEMISTRY (th)	FRIDAY
2/22/2003	BIOLOGY (th)	SATURDAY
2/24/2003	URDU A	MONDAY
2/25/2003	MATHS	TUESDAY
2/26/2003	URDU B	WEDNESDA
2/27/2003	PAK STUDIES	THRUSDAY
2/28/2003	ISLAMIYAT	FRIDAY

TEACHER EXAME DUTY

Teacher Name Rehan Qamar

Date	Duty	Section	Subject	Room no
1/14/2003	PAPER SETTER	8TH A	G.SCIENCE	11
2/20/2003	INVIGILATOR	9TH A	ENGLISH B	8
2/21/2003	INVIGILATOR	8TH A	ENGLISH A	8
2/25/2003	INVIGILATOR	9TH B	MATHS	7

LAB PURCHASE RECORD

LAB NAME CHEMISTRY

ITEM NAME	QTANTITY	U-PRICE	TOTAL AMOUNT	DATE
SODIUM BICARBONATE	500 GM	20.00	20.00	1/25/2001
SODIUM CARBONIATE	500 GM	20.00	20.00	1/25/2001
CALCIUM CHLORIDE	500 GM	40.00	40.00	1/25/2001
CALCIUM CARBONATE	500 GM	25.00	25.00	1/25/2001
SULPHAR	500 GM	70.00	70.00	1/25/2001
ZANIC SULPHATE	500 GM	100.00	100.00	1/25/2001
POTASSIUM CHLORATE	500 GM	100.00	100.00	1/25/2001
SODIUM CHOLORIDE	2 KG	5.00	10.00	1/25/2001
CANDLE	5 PACKETS	10.00	50.00	1/25/2001
VOLF BOTTLE	10 IN NUMBER	70.00	700.00	1/25/2001
DELIVERY TUBE	5 KG	20.00	100.00	1/25/2001
GAS JAR COVER	20 IN NUMBER	5.00	100.00	1/25/2001
GAS JAR	20 IN NUMBER	20.00	400.00	1/25/2001

SCHOLARSHIP WITH YEAR

Admission No.	Student Name	Class	SCHOLARSHIP	DATE
1	KASHIF KHAN	8TH A	Stduy	6/1/2002
5	MUHAMMAD USMA	10TH B	Stduy	1/6/2002
15	Waseem	IST B	Special Case	12/1/2002
25	Akbar	8TH A	Zakat Fund	1/6/2002
29	Safdar	8TH B	Stduy	6/1/2002
30	Muhammad Nadeem	8TH A	Stduy	6/1/2002

Teacher Duty Record

Teacher Name *A Razzaq*

Room no	Class	Subject	Duty	Date
5	5TH A	ENGLISH	INVIGILATOR	2/24/2003
6	8TH B	ISLAMIYAT	INVIGILATOR	2/26/2003

Teacher Name *Ghulam Mustafa*

Room no	Class	Subject	Duty	Date
8	8TH B	URDU B	INVIGILATOR	2/22/2003
8	9TH B	URDU A	INVIGILATOR	2/24/2003
9	8TH B	ENGLISH A	INVIGILATOR	2/21/2003
9	9TH A	PAK STUDIES	INVIGILATOR	2/27/2003
11	8TH A	ENGLISH B	INVIGILATOR	2/25/2003

Teacher Name *Khan M Baluch*

Room no	Class	Subject	Duty	Date
4	8TH A	ENGLISH A	INVIGILATOR	2/18/2003
8	9TH A	MATHS	INVIGILATOR	2/25/2003
9	9TH B	ENGLISH B	INVIGILATOR	2/20/2003

Teacher Name *Latif Shahid*

Room no	Class	Subject	Duty	Date
6	8TH B	MATHS	INVIGILATOR	2/24/2003
8	5TH A	ISLAMIYAT	INVIGILATOR	2/19/2003

Teacher Name *M Aman Ullah*

Room no	Class	Subject	Duty	Date
6	5TH B	ENGLISH	INVIGILATOR	2/24/2003
7	5TH B	G.SCIENCE	INVIGILATOR	2/22/2003
9	5TH A	PAK STUDIES	INVIGILATOR	2/25/2003

Teacher Name *M Arshad*

Room no	Class	Subject	Duty	Date
6	9TH A	ENGLISH A	INVIGILATOR	2/19/2003

TEACHER DUTY WITH YEAR

T_Name	Class	Duty	Room no	Subject	Date
Khan M Baluch	8TH A	INVIGILATOR	4	ENGLISH A	2/18/2003
Munir Hussain	9TH B	INVIGILATOR	7	ENGLISH A	2/19/2003
Latif Shahid	5TH A	INVIGILATOR	8	ISLAMIYAT	2/19/2003
Saif Siddiqi	5TH B	INVIGILATOR	9	ISLAMIYAT	2/19/2003
Sibghat Ullah	5TH A	INVIGILATOR	4	URDU	2/20/2003
M Aziz-ur-Rehman	5TH B	INVIGILATOR	5	URDU	2/20/2003
M Yousaf Ali	8TH A	INVIGILATOR	6	PAK STUDIES	2/20/2003
M Liaqat Ali	8TH B	INVIGILATOR	7	PAK STUDIES	2/20/2003
Rehan Qamar	9TH A	INVIGILATOR	8	ENGLISH B	2/20/2003
Khan M Baluch	9TH B	INVIGILATOR	9	ENGLISH B	2/20/2003
M Zaheer	5TH A	INVIGILATOR	6	G.SCIENCE	2/22/2003
Muhammad Arshad	8TH B	INVIGILATOR	5	ENGLISH A	2/18/2003
M Aman Ullah	5TH B	INVIGILATOR	7	G.SCIENCE	2/22/2003
Rehan Qamar	8TH A	INVIGILATOR	8	ENGLISH A	2/21/2003
Ghulam Mustafa	8TH B	INVIGILATOR	9	ENGLISH A	2/21/2003
M Yousaf Ali	9TH A	INVIGILATOR	10	CHEMISTRY (th)	2/21/2003
M Rafique Anwar	9TH B	INVIGILATOR	11	CHEMISTRY (th)	2/21/2003
A Razzaq	5TH A	INVIGILATOR	5	ENGLISH	2/24/2003
M Aman Ullah	5TH B	INVIGILATOR	6	ENGLISH	2/24/2003
M Yousaf Ali	8TH A	INVIGILATOR	7	URDU B	2/22/2003

TEACHER TIME TABLE

Teacher Name *Rehan Qamar* *Session* 02-03

Periode No	*Section*	*Subject*	*Days*
1	9TH A	COMPUTER (th)	MTWTFS
3	8TH A	G.SCIENCE	MTWTFS
4	9TH A	COMPUTER (th)	FS
5	10TH A	PHYSICS (th)	MTWTFS
6	9TH A	COMPUTER (th)	FS
7	10TH A	PHYSICS (th)	MTWTFS
8	8TH A	G.SCIENCE	TS

TEACHER WITH DESIGNATION AND BPS

Desigination MTT

BPS 9

T Id	*T_Name*	*Date Joining FG*	*C I Joining Date*	*A-Qualification*	*P-Qualificati*
T02	Rehan Qamar	5/2/2000	9/3/2001	B.Sc	B.ED,PGD
T12	Ghulam Mustafa	5/2/2000	9/5/2001	B.SC	C.T
T13	Sibghat Ullah	6/10/1996	4/8/2002	MATRIC	PTC
T14	Saif Siddiqi	5/2/2000	9/5/2000	B.A	B.ED
T15	M Saeed	5/2/2000	9/5/2000	M.A	C.T
T16	M Arshad	5/2/2000	9/5/2001	B.SE	B.ED
T21	A Razzaq	2/27/1982	7/18/1987	MATRIC	PTC
T22	Muhammad Yar	10/4/1988	6/8/1992	MATRIC	PTC
T23	Zafar Alamgir	8/18/1987	8/18/1987	F.SE	C.T
T24	Hasnain Ahmed	5/2/2000	5/4/2002	B.SE	B.ED
T25	Muhammad Sae	9/8/2000	9/5/2001	M.A	C.T

TIME TABLE

Periode No	*Class*	*SUBJECT*	*Days*	*Teacher Name*	*Session*
2	9TH A	ENGLISH A	MTWTFS	Muhammad Arshad	02-03
3	9TH A	ENGLISH A	WTFS	Muhammad Arshad	02-03
2	9TH A	CHEMISTRY (th)	MTWTFS	Rasheed Ahmed	02-03
6	9TH A	CHEMISTRY (th)	MTWT	Rasheed Ahmed	02-03
1	9TH A	COMPUTER (th)	MTWTFS	Rehan Qamar	02-03
4	9TH A	COMPUTER (th)	FS	Rehan Qamar	02-03
6	9TH A	COMPUTER (th)	FS	Rehan Qamar	02-03