DISS
1293
Com

EXPORT SYSTEM

FOR

SEASONED SURGICAL

ABBOT ROAD

SIALKOT

BY

1. Mrs RAANA WAHEED
2. Mr. AKHTAR HUSSAIN

COMPUTER CENTRE

QUAID-I-AZAM UNIVERSITY
ISLAMABAD 2002

GOD SAYS IN THE HOLY QURAAN

In the uneasing process of creation inherent in the spheres above and the earth below causing continuously the visible interchange of night and day lie the causative unwritten lows discernable by the people who use the facilities of their heard and heart, such people while standing, sitting and reclining resusc itate through such reflection their inborn faith in Allah the creator of the universe acknowledge pray "O our Lord" nothing in this universe YOU have created without correlated purposes, YOU are the perfect, save us from the sizzling fire.

FINAL APPROVAL

It is certified that we have read the thesis submitted by **Mrs. Raana Waheed and Mr. Akhtar Hussain**. It is our judgment that this thesis is of sufficient standard to warrant its acceptance by the quaid-e-Azam University Islamabad for the Post Graduate Diploma in computer science.

COMMITTEE

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_____

_____

_____

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Dr. Ghulam Muhammad
Computer Centre QAU.

DISS
1293
CoM

PROJECT BRIEF

PROJECT TITLE:-	Export system of Seasoned Surgical Comp Abbot Road Sialkot.
OBJECTIVES:-	To computerize the export system of Seasoned Surgical Abbot Road Sialkot.
UNDERTAKEN BY :-	Mrs. RAANA WAHEED Mr. AKHTAR HUSSAIN
SUPERVISED BY :-	ABDUL SUBHAN Assistant Programmer Computer Centre Q.A.U. ISLAMABAD.
DATE OF COMMENCEMENT :-	March 12.2002
DATE OF COMPLETION :-	
DEVELOPMENT ENVIRONMENT :-	ORACLE 7 VERSION.
OPERATING SYSTEM:-	WINDOW 98.
SYSTEM USED :-	PENTIUM III.

DEDICATED TO

OUR

PARENTS

AND

LIFE PARTNERS

INDEX

CH.1	INTRODUCTION	A1
CH.2	EXISTING SYSTEM	01
CH.3	PROPOSED SYSTEM	17
CH.4	JUSTIFICATION	21
CH.5	SYSTEM DATABASE LOGICAL & PHYSICAL DESIGN	25
CH.6	STRUCTURE OF TABLES (INPUTS)	28
CH.7	FORMS & REPORTS (OUTPUTS)	48a
CH.8	SYSTEM EVALUATION,CONCLUSION & RECOMMENDATIONS	49
CH.9	USER'S GUIDE	55
	FUNCTION KEYS	69
	BIBLIOGRAPHY	70

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All praises for **Allah,** The creator of Universe, who guides us in darkness and helps us in difficulties and all our respect for his **Holy Prophet (PBUH).** First of all, I owe our deepest gratitude to almighty Allah the most Merciful and compassionate, Most Gracious and Beneficent whose favor made it possible for us to accomplish this project work.

We are extremely grateful to our internal supervisor **MR.Abdul Subhan** for his guidance and help. He has really encouraged us to complete our work on dead lines. Special thanks to all the teachers of computer center for encouraging us throughout our stay.

In Particular thanks to **Mr. Javaid Hussain Course co-ordinator, Mr. Nazim-ud-Din Deputy Director and Dr. Ghulam Muhammad Director. Computer Centre Q.A.U. ISLAMABAD.**

We also wish to express our gratitude to our external project coordinator **Director of Seasoned Surgical Mr. Asghar Haider** for his valuable suggestions, inspiring guidance, unfailing kindness consistent encouragement throughout our work to finish the project in the best possible way.

Further more a very special note of thanks and appreciation goes to our **parents, other family members and our life partners** for always encouraging us, whenever demoralized during our academic career. They really deserve special thanks for enduring all our problems with great patience and love and we can say that our academic access and progress is due to these people whose endless prayers are source of determination for us in the end special acknowledgement to all our **class mates**

1. MRS. RAANA WAHEED **2. MR. AKHTAR HUSSAIN**

SYNOPSIS

CHAP. 1 INTRODUCTION

A brief introduction of project and the firm.

CHAP 2 EXISTING SYSTEM.

Describe the manual system already existing. It specify the requirements and drawbacks of the existing system.

CHAP 3 PROPOSED SYSTEM.

It explains the new proposed system also specify the objectives of the proposed system.

CHAP 4 JUSTIFICATION

It contains the comparison of old and new system .

CHAP 5 SYSTEM DATABASES LOGICAL AND PHYSICAL DESIGN.

This chapter is related with relationship of entities ERD, DFD data flow diagram, BACHMAN DIAGRAM.

CHAP 6 STRUCTURE OF TABLES (INPUTS.)

It shows the structure of table, which represents the inputs.

CHAP 7 FORMS AND REPORTS (OUTPUTS).

It shows the designs of outputs in the form of FORMS and REPORTS

CHAP 8 EVALUTION, IMPLEMENTATION AND RECOMMENDATIONS.

CHAP 9 USER 'S GUIDE.

At the end simple user's guide is provided for computer illiterate user i.e.

How to install and start the new computerized system.In short it is a short training guide for user.

CHAPTER NO 1

CHEPTER NO 1

INTRODUCTION:

Well-organized Management enhanced the business very much to earn high & minimize the losses.

Now a days life is full of technology and advancement .In order to fulfill the Requirements of so fast and advance life it is necessary to adapt new technologies.

Computer technology is one of very useful technology. Which is replacing manual System in every day life.

Although some time manual systems are more easy but to meet the goal of fastness & Accuracy is more important .In order covert the manual system into computerized system. It is necessary that system should fully analyze & designed. System analysis and design (SAD) is also very useful for the end user. For a strong system and design it is necessary.

1. Well observe the organization especially the fields, which have to computerize.

2. Interview the concern persons in order to fulfill their requirements.

3. Data should be collected carefully related to the fields which to computerize in order to Develop a useful design.

4. select suitable system to implement the new comp-system.

5. The users are computer illiterate so simple and understandable user guide should be provided. It slow Area of my Project is inventory control with respect of export the manual system, Require more labor, time and stationary but still there are lots of chances of errors.

6. It was felt that a computerized system will over come these problems and will be more Reliable.

INTRODUCTION OF EXPORT FIRM.

The scope of my study is to computerize the inventory control of export system of

Seasoned surgical productsABBOT ROAD SIALKOT.

The firm is established in 1985 at Sialkot .Its rough estimate of annual export is 1,25,00,000.It exports surgical instruments to Germany, France, Italy, maxico &

Spain.

The main products of Seasoned surgical are Dental instruments, manicure &pedicure

Instruments.

Managing director looks after the whole business.following departments are running under his care.

Administration

Accounts

Manufacturing

Store

Finishing &packing

Shipment

TERMS OF REFERENCE .

For initial investigation and to understand the requirements of user a meeting is held with management terms of reference for the feasibility study will be as follows.

1.Documents of the firm will be studied from computerization point of view.

2. Interview will be taken from concerned persons in order to understand their requirements

3. Confirm the fields to which computerization will occur.

4. Equipment will be selected carefully to implement the system.

5 .All these confirmations will be used to design a computerize system for inventory

Control of export system will be implemented.

CHAPTER NO 2

CHAPTER 2

EXISTING SYSTEM

2.1 Managing Director

Is head of firm and look after all the business transactions.

He searches for costumer by following ways:

- Through the circulars of chamber of commerce.
- Export Directory Source.
- Through introduction letters.
- Through internet (E-mail to customer)

Director keeps all the terms & conditions confidential. A keeps the record in a file manually.

In replay of Director's E-mail letters party demands catalogue & price list from the firm to check the manufacturing items & their prices. If the party is satisfied.

After checking the catalogue & price list. The party faxes for the samples according to the reference of catalogue. Director will keep the faxes for record

If the samples are approved and the party feels some difference in the existing prices. The party will send it proposed prices for required items through fax.

If the firm accepts the prices then the party gives a trial order (order of limited no of items). In this order different items & conditions are settled for payment that are as under.

2.2 Payment Procedure:

i. Advance payment.

ii. Payment against documents.

iii. Payment on credit of 30, 60 120 day.

2.3 Terms & Conditions:

i. C.I.F. (Cost, Insurance, Freight)

In this case all the above three payment will be made by the firm.

ii. F.O.B. (Free On Board)

In this case the firm will pay cost and the party will pay insurance and freight.

iii. C & F (Cost & Freight)

In this case the firm without insurance will pay cost & freight.

It is risky process.

2.4 <u>Detailed Order:</u>

It party satisfied with trial order procedure & terms & condition for Detailed Order are same as trial order.

The delivery date and ordered items are mentioned in the order.

All the records related to a party are maintained in a separate file manually.

2.5 Manufacturing:

Director will forwarded the order to the Admin Officer. Who will place the order to the vendor for the manufacturing of products along with rates, which are adjusted, with the vendor?

Vendor will fulfill the give order supply the items in the raw form, which will be checked by the quality control department. Items that will be approved will sent of the store, which the rejected items will be returned to the vendor.

Vendor will replace the rejected pieces, which will be rechecked. Approved items will send to store and then to the randomly selected at polishing and final finishing dept. final finished items are checked by chemical tasting lab and lab clearance certificate is issued by Govt.

Finally finished products are sending to packing dept where their products are counted and packed in the pouches and then in small boxes. Name, no.of items & their weights label these.

The small boxes are packed in the cartons and detail of material is written over carton along with its weight and the products becomes reaching for shipment.

Shipment is ready following documents will be prepared.

1. Payment of custom fee for inspection.
2. Handling charges paid to custom.
3. Caring charges to cargo. According distance and weight.
4. Airfreight. Rout and weight.
5. Insurance.

2.6 Demand of Catalogue & Price List

First of all when a customer sees a website of a firm he demand for a catalogue and price list. This paper shows the demand of and price list of a customer. In reply of this the supplier or firm sends his catalogue and price list to the customer of customer wants to check the sample he can also demand for samples and firm sends the samples for the customer. There demands can be made by the customer on seeing the web or on receiving E-mail or introduction letter by the firm or company.

(1)

From: "Christa Amrhein" <amrhein@efalock.de>
To: <ameri@gjr.paknet.com.pk>
Subject: Catalogue and pricelist
Date: Mon, 18 Mar 2002 12:06:03 +0100
X-Mailer: Microsoft Outlook CWS, Build 9.0.2416 (9.0.2911.0)
Importance: Normal

From: EFALOCK – Christa

Dear Mr. Fayyaz Ahmed,

thanks for your kind letter. We are always interested on new supplier.

Please arrange that we get a catalogue for your complete product range to the following address:

EFALOCK GmbH
Professional Tools
Att. to Mrs. Christa Amrhein
Winkelser Str. 43
97688 Bad Kissingen
GERMANY

Thanks and
Best regards
EFALOCK
Christa

www.efalock.com or.de

Fax no. 49/971/820591

2.7 Adjustment of Price and Order

After receiving samples and catalogue along with the price list. If the customer is not satisfied with prices he sends his purposed prices this letter shows the changes made by the customer. If the firm becomes agree with the purposed prices of the customer then customer gives the order to the firm.

X-Originating-IP: [154.20.74.84]
From: "Zurich instruments" <zurichinstruments@hotmail.com>
To: ameri@gjr.paknet.com.pk
Subject: Re::thnakx for ur mail
Date: Sat, 27 Oct 2001 20:36:48 +0000
X-OriginalArrivalTime: 27 Oct 2001 20:36:48.0559 (UTC) FILETIME=[19E07BF0:01C15F27]

dear sir
hru today
thankx for ur mail
as u know , we talked u before about new project that we were working on it. so we find some way to start it but need help form ur side then it "ll be good in future for business,
we r going to a litter bit amendment in some rates mailed by u.
For new business we some samples under detail mail..
(All no # r according to ur catalogue)
** AT# 936 D. 6.pcs kit @ 8.50 ----------51.00
** AT# 936 F. 6.pcs kit @ 5.50----------33.00
** AT# 835.cuticles nipper double spring gold handle 36pcs @1.5---54.00
(24 pcs 3mm and 12 pcs 5mm)
**AT# 841.nail nipper 10 pcs @2.25----------22.50
**AT# 932.pediclean s.steel 10 pcs @1.50----------15.00
**AT# 808.thinning scissors 18 pcs.@4.00----------72.00
(2 style, 6.5")
**AT# 809. scissors 5.5"- 18 pcs @ 4.00----------72.00
**AT# 810. scissors 6 pcs @ 5.00---------- ----30.00
**AT# 811. scissors 6.5"- 18 pcs @4.00----------72.00
**AT# 805.scissors 5.5" - 12 pcs @1.50----------18.00
**AT# mani/pedicure scissors different kind 18 pcs @.65----------11.70 → Not Any Article No.
**AT# Hair shaper 12 pcs @1.00 ----------12.00 → Not found !?
**AT# 865,862,863 tweezers 36 pcs @ .05----------18.00
(12 cvd,12std, 12pointed)(18pcs colored, 18 plain)
**AT# 825 scissors gold 12 pcs @1.00----------12.00
**AT# 822 scissors gold 12 pcs @ 1.00----------12.00
**AT# 892 corn cutters 10 pcs @2.00----------20.00
**AT# 887 ,890,905,900,918,903,922 –
(Each item # 6 pcs.)total 42 pcs @0.50 ----------21.00
**AT# ~~Razor replaceable blade 6 pcs @1.00~~ ----------06.00 — not found.
(as u send before)

==========

********----------total $---------- 552.20

==========

we need all these items as a samples, we know that it is a not really
pls: stamp all samples "ZURICH INSTRUMENTS " on instruments and stamp on packing "ZURICH INSTRUMENTS Toronto 416 725 4480 ---montreal 514 279 0428" packing should be attractive and nice

a quantity but hope in future it " be a big order.
ok sir.,
pls also send these samples as u know thatr good for marketing::
2 pcs razor with leather strip (leather strip for sharpen,,old fashion)
plastic handle scissors 6 pcs thinning, 6 pcs barber scissors 5.5",6 pcs barber scissors 6.5",,and some manicure/pedicure samples like nial/cuticles nippers, nail pusher, nail cleaner, filler...etc etc
thanks for ur co operation, we appreciate u.

tell me about pediclean shipment,how long time u ' ll take to ship. we need an urgent, we also send u 500 pcs tweezers

2.8 Order to Makers and Cash Memo

This document is of the register on which material is received in unfinished form from the maker when maker deliver the items in unfinished form these are checked by the checker and a summery is made according to items which is based on the number of items description of items. Passed items and rejected items. Rejected item are retuned to the make to prepare again. Similar type of receipt book is used for the detail of items pin the store.

Main variables required in this receipt are:

1. Maker-Name
2. Date
3. Description of material received
4. Quantity
5. Selected
6. Rejected

سینڈ سرجیکل پراڈکٹس

ایبٹ روڈ سیالکوٹ فون : 261145

نمبر 382 برائے کالا مال تاریخ _____

نام میکر _____

تعداد	تفصیل مال	مرمت

2.9 Invoice

It is a document, which is sent with the shipment it contains two type of information.

1. **About Customer:**

   Name and address of the customer along with country and city is present in the invoice, reference of form and bank.

   Air way bill (AWB) No. Along with the date and order No.

2. **Items:**

   In invoice it is also described that now many cartoons are in the shipment and under what conditions shipment is sent either CIF, contains or F.O.B. Besides this invoice also contains qty. description unit price, detail price of each items and then grand listed along with CIF value and detail of payment either it is against documents, advance on credit along with the credit period.

P.O. BOX 1365
ABBOT ROAD, SIALKOT - PAKISTAN
TEL: (0432) 86702-554479
TELEX: 46342 PCO SI PK.
ATTN: "SEASONED"
FAX: 92-432-261145

INVOICE

Seasoned SURGICAL PRODUCTS

DEALS IN: MANUFACTURERS AND EXPORTERS OF MANICURE, PEDICURE & DENTAL INSTRUMENTS.

CONSIGNEE	DATE	INVOICE NO.

QUANTITY & SERIAL NUMBER OF PACKAGES	TOTAL

COUNTRY OF ORIGIN	CUSTOMER ORDER NR.

NAME OF VESSEL	B/L NR	FREIGHT

EXP FORM	BANKER

PORT OF LOADING	PORT OF DISCHARGE

ITEM	QUANTITY	DESCRIPTION	PRICE	AMOUNT
		CORRENCY OF EXCHANGE		

2.10 Insurance Certificate

This certificate is got from an insurance company after the payment of the amount of insurance to the company. It is necessary because in case of any loss insurance company is responsible. It means that it is for the safety of the shipment. A shipment can be sent without insurance, it depends up to the customer and the supplier.

Insurance rates are fixed according to the cost of the shipment. It contains invoice No, date, an insurance agency name, shipping part and destination part.

It calculates the insured amount + 10% calculate the amount in Pak. currency then apply (1) marine rate 0.35% of total amount

On Air Rate 0.0625%

Gross Premium _____

Total

5% Admn.sarCharge on gross premium 1% F.I.F of gross premium

Stamp duty according to the amount.

Head Office :
2nd Floor, Nader House,
I.I. Chundrigar Road, P.O. Box 4616
Karachi - 74000

Zonal Office :
Saeed Manzil,
Mujahid Road,
Sialkot.

The Crescent Star Insurance Co. Ltd.

(Incorporated in Pakisatn)

Telegram "CRESCORP"
Telex : 29508 CREST PK.
Telefax : (92) 21-2415474
Phones : 2415471 - 3 Lines
2415521

Phones : 587500
: 586300
Fax : 586013

Marine Certificate

(CARGO)

No. SKT/MC/ 4436/06/01

AGENCY M.GONDAL

DATED 04TH JUNE-2001

INVOICE NO.001/ZIS/2001

BRANCH

This Certificate when issued under an Open Policy or Open Cover shall have the same legal force and effect as a Policy issued at SIALKOT(PAKISTAN) date 04TH JUNE-2001

Numbered MARKS & NUMBERS AS PER INVOICE Certified insured in terms of the Company's printed Marine Policy as modified or amplified by Open Policy/Cover No. SKT/MC/4436/06/01

in the Name of M/S.MUSLIM COMMERCIAL BANK LTD,CHAMBER BUILDING BRANCH SIALKOT, A/C,M/S.AMERI-TEK INC.ADDAH DASKA ROAD, SIALKOT. declared to be upon:

THREE (3) AIRFREIGHT CARTONS SAID TO CONTAIN"1300 PCS MANICURE INSTRUMENTS MADE OF S.S." SO VALUED DESPATCHED UNDER AIRWAY BILL NO.020-1590 6144 DATED,04-06-2001

Per "AIRFREIGHT" Sailing on or about R. T. No.

From SIALKOT(PAKISTAN) To TORONTO (CANADA)

Insured Amount (in words) US$.1300.00 PLUS 10%=US$.1430.00

US$. ONE THOUSAND FOUR HUNDRED THIRTY ONLY. Rs. =89375/-

CONDITION :

INSURANCE AS PER AIR CLAUSES(A), INSTITUTE WAR AND STRIKE,RIOTS,CIVIL COMMOTION CLAUSES,INSTITUTE THEFT PILFERAGE NON-DELIVERY CLAUSES, INSTITUTE CARGO CLAUSES,COVERING ALL RISKS FROM WAREHOUSE TO WAREHOUSE.

PREMIUM

Marine @	0.35%	Rs.	316.00
O.A. @	0.0625%	Rs.	56.00
War & S.R.C.C. @		Rs.	
Gross Premium		Rs.	372.00
+5% Admin Surcharge		Rs.	19.00
3% C.E.D.		Rs.	
1% F.I.F.		Rs.	4.00
Stamp Duty		Rs.	2.00
Total		Rs.	397.00

In the event of loss or damage to the interest covered by this Certificate, no claim will be admitted unless prompt notice be given to the Company or its Agent at

for : CRESCENT STAR INSURANCE CO. LTD.

at A.K.WEBSTER(OVERSEAS) LTD,
by NY 10605 U.S.A.

HAYES STUART & CO,LTD,
16 FOUR SEASONS PLACE SUITE 106
ONTARIO CANADA PH.6200700
TELEX. & FAX:6201633 CANADA

Manager

IMPORTANT:– Please follow direction as over.

2.11 Custom From-E (Export Form):

This form is also a document of shipment and goes from government to government it helps both the governments to calculate the tax of supplier and customer. In this for National Tax No. Along with the ID Card No. Of shipper is written and detail of goods such as goods name, No. Of cartoons invoice value. Condition of shipment and payment are described, name of career address of importer AWB and custom part are described.

DUPLICATE

FORM E
(For Exports)

TO BE SUBMITTED TO THE CUSTOMS/POST OFFICE

GNB No. 0802926

Declaration to be furnished by exporters pursuant to section 12 (1) of the Foreign Exchange Regulation Act, 1947 read with government notification No. 1 (6) - ECS/48 and No. 1 (7) - ECS/48 both dated the 1st July 1948.

If the applicant is income tax payer, please indicate:-
G.I.R. No. NTR.NO.19-21-1022223.
and the Income Tax Circle .....
If the applicant is not an income tax payer the word 'Nil' should be clearly stated.

Identity Card (I.C.) No. 3 0 1 - 8 9 4 3 3 5 3 3
Place of issue Sialkot.
Date of issue 15-05-1989.
of the authorised representative of the exporter signing the form.

Name and address of the Authorised Dealer: UNION BANK LIMITED

Documents covering the goods declared below including full set of bills of lading, railway receipt, airway bill or other documents of title to the goods must be passed through an Authorised Dealer in Foreign Exchange. In each case may they be despatched direct without prior special or general authority in writing of the State Bank of Pakistan.

An incorrect declaration on this form constitutes an offence under Foreign Exchange Regulation Act, 1947 (VII of 1947)

I/We, the undersigned hereby declare that I/ We am/ are the sellers/ consignors of the goods described below in respect of which this declaration is made and that the particulars given in the following columns are true and that the invoice value declared in column 3 in case of firm contract is full value as contracted with the buyers/in case of consignment sale is the value of goods which are being shipped on consignment sale. I/We undertake that I/ We shall deliver to the bank mentioned above the foreign exchange proceeds resulting from the export of these goods on the due date for payment or within four months from the date of shipment/despatch. In the event of consignment sale we undertake to furnish to the above bank a fully documented account sale certified by the consignees/ Chamber of commerce of the country of import or any other documents required by the State Bank of Pakistan. I/ We declare that nothing material or relevant to the information given in this Form has been omitted or suppressed and whatever is stated herein is true to my/ our knowledge and belief. I/ We undertake to submit the duplicate and triplicate copies of this form to the authorised dealer whose name appears above within fourteen days of shipment along with documents for negotiation or for sending on collection.

GOODS with full details and quality as identifiable with the Market Reports	QUANTITY Bales, Bundles, Pieces, Maunds, Tons, Lbs, Kgms, Cases etc.	Invoice value of goods, (State currency & terms i.e. CIF/C & F/FOB)	Terms of Sale (e.g. Firm Contract or Consignment Sale	Port/Station and country of destination	Name and Address of the importer consignee
1	2	3	4	5	6
Surgical Speculums, S/S.	4 Cartons, Covering, 200 Pcs.	US.$.5000.00 TERMS CIF.	30 Days Sight.	U.S.A.	Hong Kong Shangh Bank New York. USA. M/S. Ameri-Tek, I New York-U.S.A.

Name of carrying Steamer /Air Coy./ Truck Co./Railway/ Post Office	Bill of Lading/Airway Bill/Railway Receipt/ Post Parcel Receipt/ Truck Receipt No.	Value declared on document listed in column 8.	Port of Shipment/ Post Office of despatch	Land Custom Post
7	8	9	10	11
By DHL.	AWB.NO.	US.$. 5000.00 CIF.	Sialkot.	Sialkot.

Name (Block Letters) M/S. AMERI-TEK, INC., Phone No. 526511.
Full Address P.O. BOX NO.522, DASKA ROAD, ADDAH, SIALKOT/PAKISTAN.

CCI & E Export Reg. No. 016500 Dated 03-03-2000.

Ameri-Tek Inc.
(Stamp and Authorised Signature of Exporter)
Proprietor.

CERTIFICATE OF AUTHORISED DEALER

Certified that the above exporter (s) is/ are known to us, that he/ they is/ are bona fide businessman/ businessmen in Pakistan and that he/ they has/ have made arrangements with us for the realization of the export proceeds of the goods declared on this form within the time limit stipulated in State Bank's notification No. F. E 1/98-SB dated 8th June, 1998. And we are satisfied with the said arrangements. We have also satisfied ourselves about the bonafides of the importers/ consignees abroad and the credentials of the

Certified that documents in respect of the shipment under this form shall be negotiated/ accepted only when these are drawn on C&F or CIF and not on FOB Basis.

* We undertake to ensure that export proceeds against shipment on *firm contract* shall be received by us within the time limit stipulated in State Bank's notification No. F.E. 1/98-SB dated 8th June, 1998. In the event of non compliance due to reasons beyond our control we shall furnish to the State Bank of Pakistan a full explanation as to the reasons and circumstances resulting in our inability to comply.

* We undertake that in the event of non-realization of export proceeds against shipment on *consignment* sale within the stipulated period of four months, we shall obtain from the exporter (s) and furnish to the State Bank of Pakistan a full explanation as to circumstances resulting in non-realization. We further undertake that in the event of short realization we shall obtain from the exporter(s) and furnish to the State Bank of Pakistan a fully documented account sale certified by the consignees/ Chamber of Commerce of the country of import.

(* Strike out the portion not applicable and authenticate with initials).

for UNION BANK LIMITED
Abbot Road, SIALKOT.
Authorised Signature

Date: 17-02-2001.

(Signature & Stamp of Authorised Dealer)
Qamar-uz-Zaman
P.A. No. 96

TO BE COMPLETED BY CUSTOMS/POST OFFICE

1. Month in which this item is included in the Custom/Post Office Return FEB-2001
2. Value assessed by the Custom/Post Office Rs: 2874402
3. Shipping Bill/Airway Bill Post Parcel Receipt No. 24042/2000-2001 dated 18-2-2001

SEAL

Examining Officer Custom

(SIGNATURE OF CUSTOMS/POST OFFICER)

P.O.

2.12 Ledger

It is a ledger book used to keep the records of payments this document provides the information about the payments, which shows the debit or credit of the firm in short this document keeps the record of money.

For The Month Of _____ ***19***

DEBIT

Month & Date	Vr. No.	PARTICULARS	Folio	AMOUNT		TOTAL	
				Rs.	Ps.	Rs.	Ps.

Prepaid Freight

This document is prepared before sending the shipment, shipment is weighed and airfreight is calculated according to the rate along with the other charges. It is necessary because it is a requirement of customer department because of the freight is not prepaid the shipment will not be costumed the main requirements of this documents are:

1. Shipper name and address.
2. Customer name and address.
3. Carrier agents name and city along with its IATA code and account No.
4. Departure Airport.
5. Destination Airport.
6. No. Of Cartoon.
7. Weight.
8. Rate.
9. Total Freight.
10. AWB Amount.
11. Fuel Charges or handling Charges.
12. Grand Total.
13. Date.

020- -1590 6144

Shipper's Name and Address / Shipper's Account Number

M/S:AMERI-TEK INC.,
POST BOX 522, DASKA ROAD, ADDAH,
SIALKOT - PAKISTAN.

Not Negotiable

Air Waybill*

Lufthansa Cargo

Issued by
Lufthansa Cargo AG,
Langer Kornweg 34 i
D-65451 Kelsterbach

Member of International
Air Transport Association

Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity

Consignee's Name and Address / Consignee's Account Number

CANADA TRUST, GLOBAL BANKING SERVICES
C/O INTERNATIONAL CENTRE TORONTO,
TD TOWER-55, KING ST. WEST & BAY ST
5th FLOOR, TORONTO, ONT. CANADA M5K
NOTIFY:MR.TFTAMBRA PH:416/686-1767

It is agreed that the goods described herein are accepted in apparent good order and condition (except as noted) for carriage SUBJECT TO THE CONDITIONS OF CONTRACT ON THE REVERSE HEREOF. ALL GOODS MAY BE CARRIED BY ANY OTHER MEANS INCLUDING ROAD OR ANY OTHER CARRIER UNLESS SPECIFIC CONTRARY INSTRUCTIONS ARE GIVEN HEREON BY THE SHIPPER, AND SHIPPER AGREES THAT THE SHIPMENT MAY BE CARRIED VIA INTERMEDIATE STOPPING PLACES WHICH THE CARRIER DEEMS APPROPRIATE. THE SHIPPER'S ATTENTION IS DRAWN TO THE NOTICE CONCERNING CARRIER'S LIMITATION OF LIABILITY. Shipper may increase such limitation of liability by declaring a higher value for carriage and paying a supplemental charge if required.

Issuing Carrier's Agent Name and City

PCA CARGO PVT LTD
SIALKOT - PAKISTAN.

Accounting Information

"FREIGHT PREPAID".

Agent's IATA Code: 27-3-0235 | Account No.: LHE2376

Airport of Departure (Addr. of First Carrier) and Requested Routing

LAHORE/PAKISTAN

To	By First Carrier / Routing and Destination	To	By	To	By
FRA	Lufthansa	YTO	LH		

Airport of Destination: TORONTO AIRPORT

Requested Flight/Date

Reference Number

Optional Shipping Information

Currency	CHGS Code	WT/VAL PPD	WT/VAL COLL	Other PPD	Other COLL
PKR		PP	P	PX	

Declared Value for Carriage: NVD

Declared Value for Customs: US$:1300.00

C.I.F

Amount of Insurance: M

INSURANCE – If Carrier offers insurance, and such insurance is requested in accordance with the conditions thereof, indicate amount to be insured in figures in box marked 'Amount of Insurance'

Handling Information

(03)CARTONS
MARKED AS: A 03 K
CANADA

SCI

(For U.S.A. use only) These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to USA law prohibited.

No. of Pieces RCP	Gross Weight	kg / lb	Rate Class / Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (incl. Dimensions or Volume)
03	75	KG	C 8100	100 KG	170.00	17000.00	03/CARTONS SAID TO CONTAIN MANICURE INSTRUMENTS. ========== FORM "E" MCB/0624748 EXP.REGN.NO.W/016500 INV.NO.001/ZIS/2001

Prepaid	Weight Charge	Collect
17000.00		

Valuation Charge

Tax

Other Charges: AWB:200 HLG:200 FUEL CHGS:500

Total Other Charges Due Agent: 200.00

Total Other Charges Due Carrier: 700.00

Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations.

M/S:ALLIED CARGO SYSTEM
FAX NR:+92-432-583663

Signature of Shipper or his Agent

Total Prepaid	Total Collect
17900.00	

Currency Conversion Rates | CC Charges in Dest. Currency

JUN 04,2001. SKT. PCA CARGO PVT LTD:

PCA CARGO (PVT) LTD
27-3 0235

Executed on (date) at (place) Signature of Issuing Carrier or its Agent

For Carrier's Use only at Destination | Charges at Destination | Total Collect Charges

020-1590 6144

* Luftfrachtbrief (nicht begebbar) – eine verbindliche Übersetzung dieses Frachtbriefformulars (einschließlich der Vertragsbedingungen) in die deutsche Sprache liegt bei allen Lufthansa Frachtbüros aus.

ORIGINAL 3 (FOR SHIPPER)

2.13 Draw Backs

Problems in the existing system.

The existing system is manual system the following problems existing in the manual system.

1. **Maintenance:**

   The maintenance of manual system is quite difficult.

2. **Time Consuming:**

   Manual system is time consuming due to all procedure performed manually.

3. **Errors:**

   In manual calculating there are a lot of chances of errors.

4. **Error Detected:**

   In there is same error it is quite difficult to detect it and then correct it.

5. **Waste of Stationery:**

A lot of stationery in the form of papers registers and pens is used.

6. **Cost Effect:**

Due to wastage of stationery and a lot of labor implies a great increase in the cost.

7. **Slow:**

Due to involvement of human beings and lengthy procedure of posting of journal into ledger the manual system is very slow.

8. **No Safety:**

Data on stationary has more chance of loss or destroy.

9. **Waste of Space:**

Storage of manual books is difficult and wastage of space.

10. **Mental Exertion:**

Bookkeeping and calculation cause mental exertion.

11. **No In Time Information:**

Due to maintenance of a large No. Of vouchers and entries in registers there is delay, so no in time information about the state of business.

CHAPTER NO 3

CHAPTER 3

Proposed System

Keeping in view the drawback and deficiencies of the existing system a new computerized system in proposed and try to give worthy solution of their problems.

In this chapter the specification of inputs and outputs of the new system will be discussed. And also decide about the software and hardware specification.

3.1 Specification of Inputs

There are three type of inputs which are dependents of the mode of data entry in the data lose.

1. **Constant Inputs:**

   Some inputs can't be changed through out the system so called the constant inputs which are usually codes and their description i.e. customer ID product ID.Condition code etc.

2. **Variable Inputs:**

Some inputs can he changed in the system there are called variable inputs.

i.e. insurance No., lab test no. Etc.

3. **Conditional Inputs:**

Some variables depends upon some conditions are called conditional inputs.

i.e. If finished products brought by vendor are good from all aspects will pass also reject.

3.2 Specification of Outputs

Only concerned with outputs the user is system. The outputs of the system not the internal are in the form of queries results and the reports.

1 Queries:

The major purpose of the system in to retrieve information very quickly so the queries one used to retrieve information from the database through SQL modules a presented the result on the screen.

These queries are provided by keeping in the mind the questions arise in the user's mind.

2 Reports:

Reports one also for of queries but these are sane what more deep information in the printed form reports developed in this proposed system are more detailed well formatted and one according to user's requirements and these are more helpful to the management in decision making.

3.3 Specification of Software

It depends upon the problem which system should he used. Different systems have different features. For the software development the data has management system used is Oracle-7 and developer 2000 which is maintained by SQL language SQL Oracle provide following advantages:

1. Easy access to data.
2. Flexibility in data modeling.
3. Reduce data storage and redundancy.
4. Provide high level data manipulation language.

5. Relating data base management system.
6. Powerful security mechanism.
7. Backup and recovery routines minimize data loss.
8. Menu driver user inter phase.
9. Rich library of commends and functions.

3.4 Specification of Hardware

Required hardware and operating system is as following:

- 64 MB Ram
- Pentium with 300MHZ processor
- 10 GB Hard Disk
- VGA Color Monitor
- Window 98 Operating System
- Printer

CHAPTER NO 4

CHAPTER 4

Justification

After studding deeply the existing system we come to know about the many deficiencies of the existing system. Now it is essential to over come all these deficiencies. So a new system is proposed.

The records of the firm are the most valuable assets of the business. It there is some error in the records or some erroneous figure introduced. It can mislead the whole business. It the record destroyed due to some misshape it ear shake the whole business and businessman too.

Due to the drawbacks and particular effects already discussed in the Chap 2. It is necessary to design a trusty computerize system for the firm to fulfill its needs.

Objectives of the Proposed System and Comparison with Existing System

It is necessary to decide some objectives of the proposed system before designed software. So the objectives of the proposed system are as under:

4.1 More Efficient:

New proposed system will be more efficient then the existing system.

4.2 Validation Checks:

Present system does not have any validation checks but the proposed system have validation checks.

4.3 Correct Data Entry:

Checks will be provided for correct data empty while in existing system any dark can enter wrong data and there is no check.

4.4 Compress Record:

In the new system the record is in the floppies, which take very less space while existing system, consist of voluminous files filling a large number of cupboard. In the new system get rid of this trash.

4.5 Readily Available Record:

In the new system data info about any section is more readily available as compare to calling a dark and asking him for a file to. If will take a lot of time and you will loose a customer.

4.6 Accurate Up to Date:

The new system is more accurate and up to date than the existing

system.

4.7 Security:

The whole record of he firm is more secure in the new system only permitted person can access it while in existing system any person can open a file and access the record.

4.8 Quick Report:

The proposed system provide different required reports quickly and efficiently to management and help in decision making while in existing system report making is very much time taking and laborious.

4.9 User Friendly:

The new system is very much user friendly any person can handle it.

4.10 Record Correctable:

The new proposed system will be comprehensive data base so that user can early insert, delete access and up to date each file with out making any disturbance and cutting an removing of record as in the existing system.

4.11 Relieve the Staff:

The new system will relieve the staff from doing excessive and laborious work. So the time can spend in other beneficial activities.

4.12 More Facilities:

In the new proposed system more facilities one provided as compared to the existing system.

CHAPTER NO 5

CHAPTER 5

System Data Base Logical and Physical Design

Software design is a process through which requirements are translated into a representation of S/w. Deferent techniques and principles are applied to system.

Design is the first step of software development.

1. Design
2. Coding
3. Testing

Quality of software depends upon designing and only stage where the requirements of user can be satisfied.

The system design phase can be dividing in following two phases?

1. Logical data base design
2. Physical data base design

5.1 Logical Data Base Design:

This phase satisfy the approach to design large relational database by reducing the No. of data dependencies that need to be analyzed logical data base designing process consist of

1. Input Design
2. Output Design

1 Input Design:

The manner in which data enters the system fee processing input design. It also ensures the reliability of system.

2 Output Design:

Output design consists of queries and reports.

Queries are usually screen oriented.

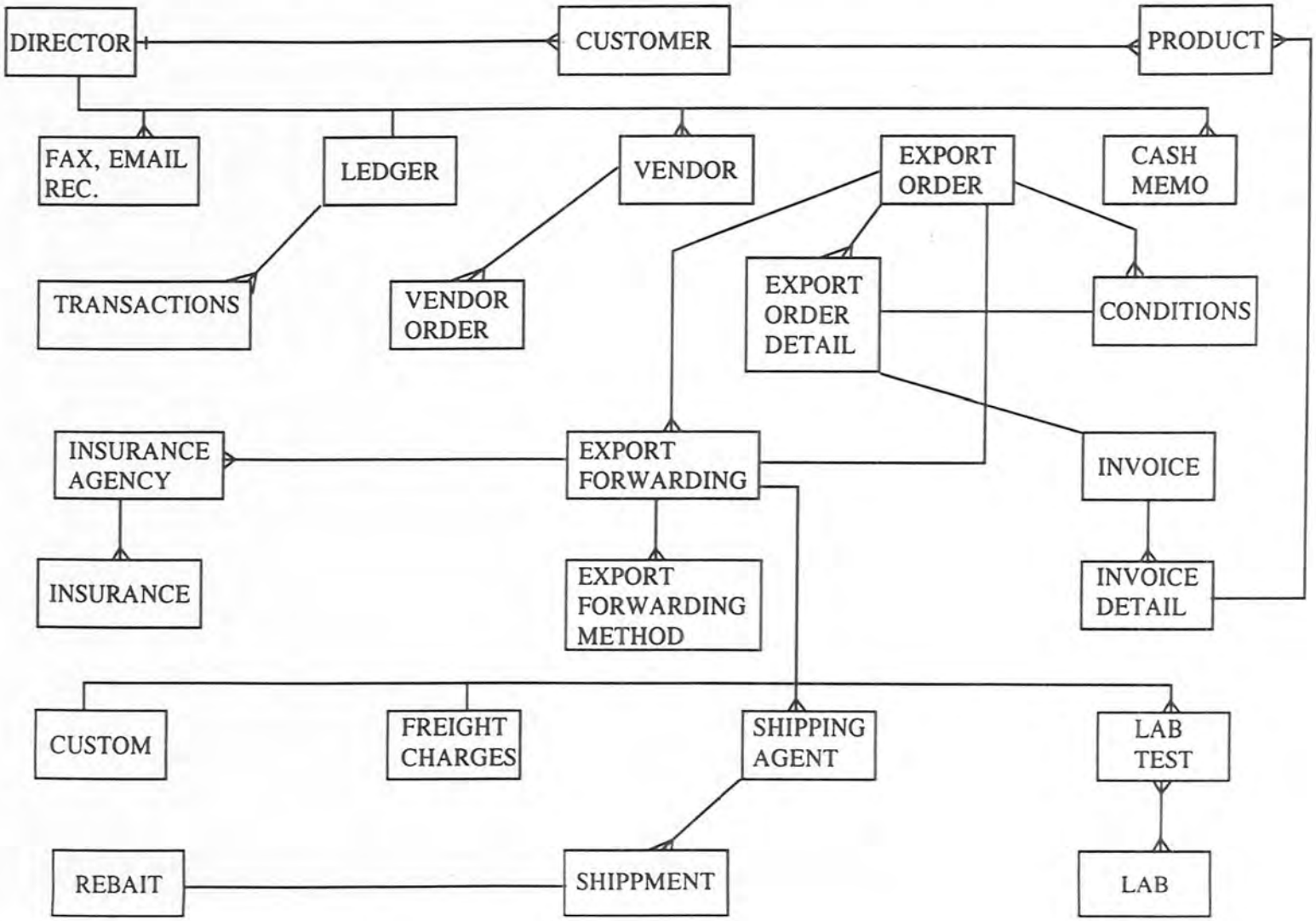
Reports are usually production printer.

5.2 Design Phase:

As information moves through software it is modified by a services of transformations. For this purpose particular graphical techniques are used.

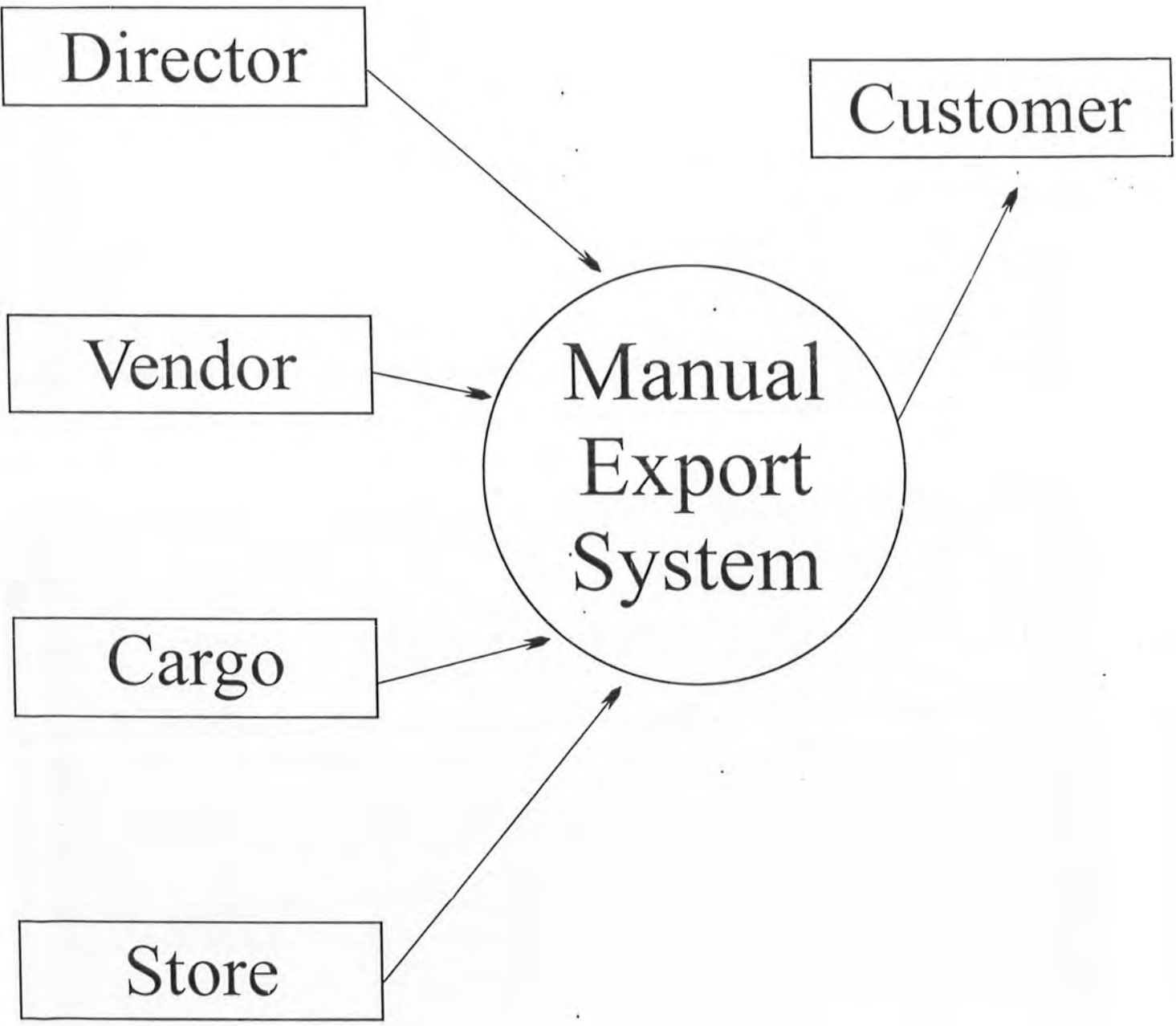
i.e. ERD entity relation diagram graphical technique that depicts information flow and transforms as data moves from input to output.

ENTITY RELATION DIAGRAM.



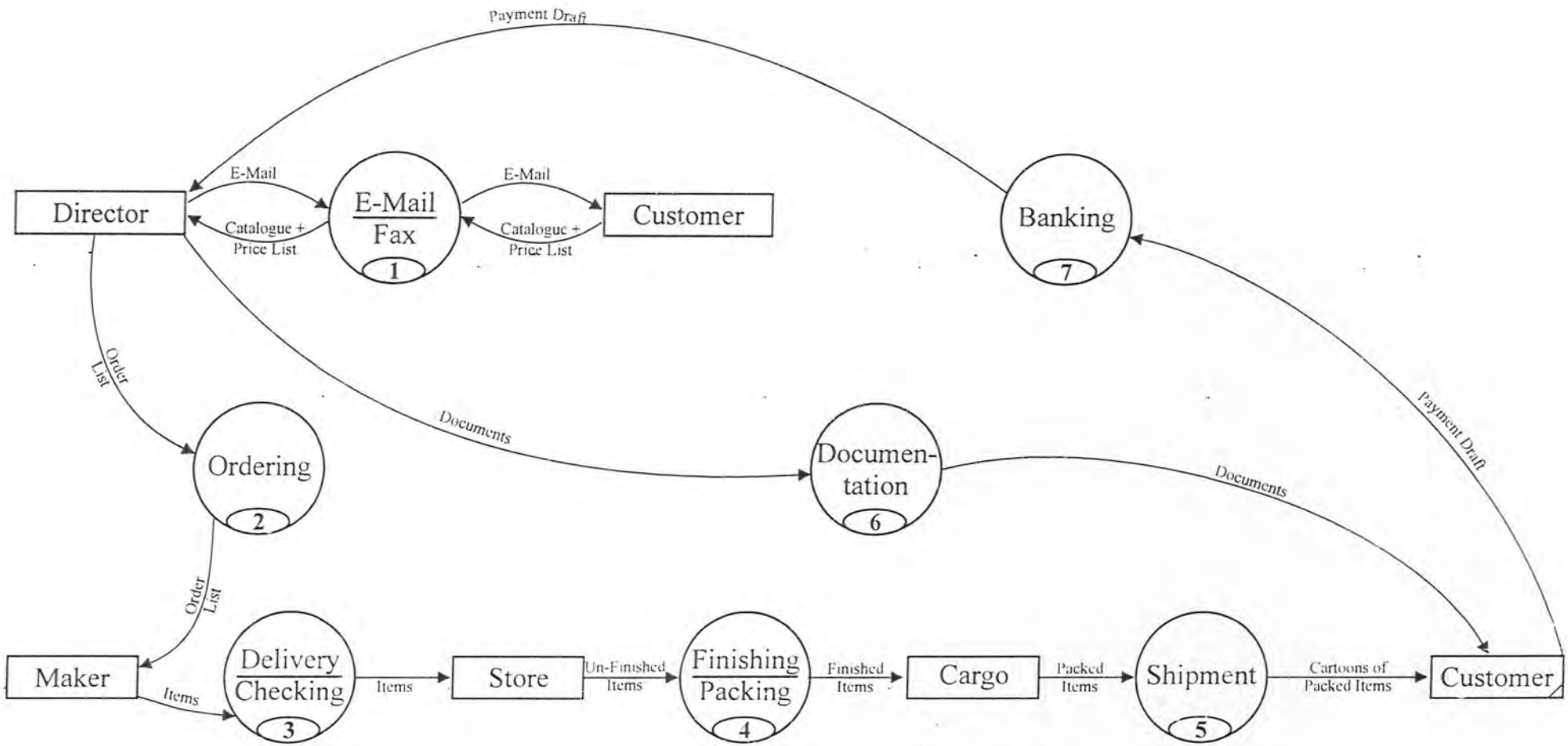
DATA FLOW DIAGRAM
(Export System)

Level-0

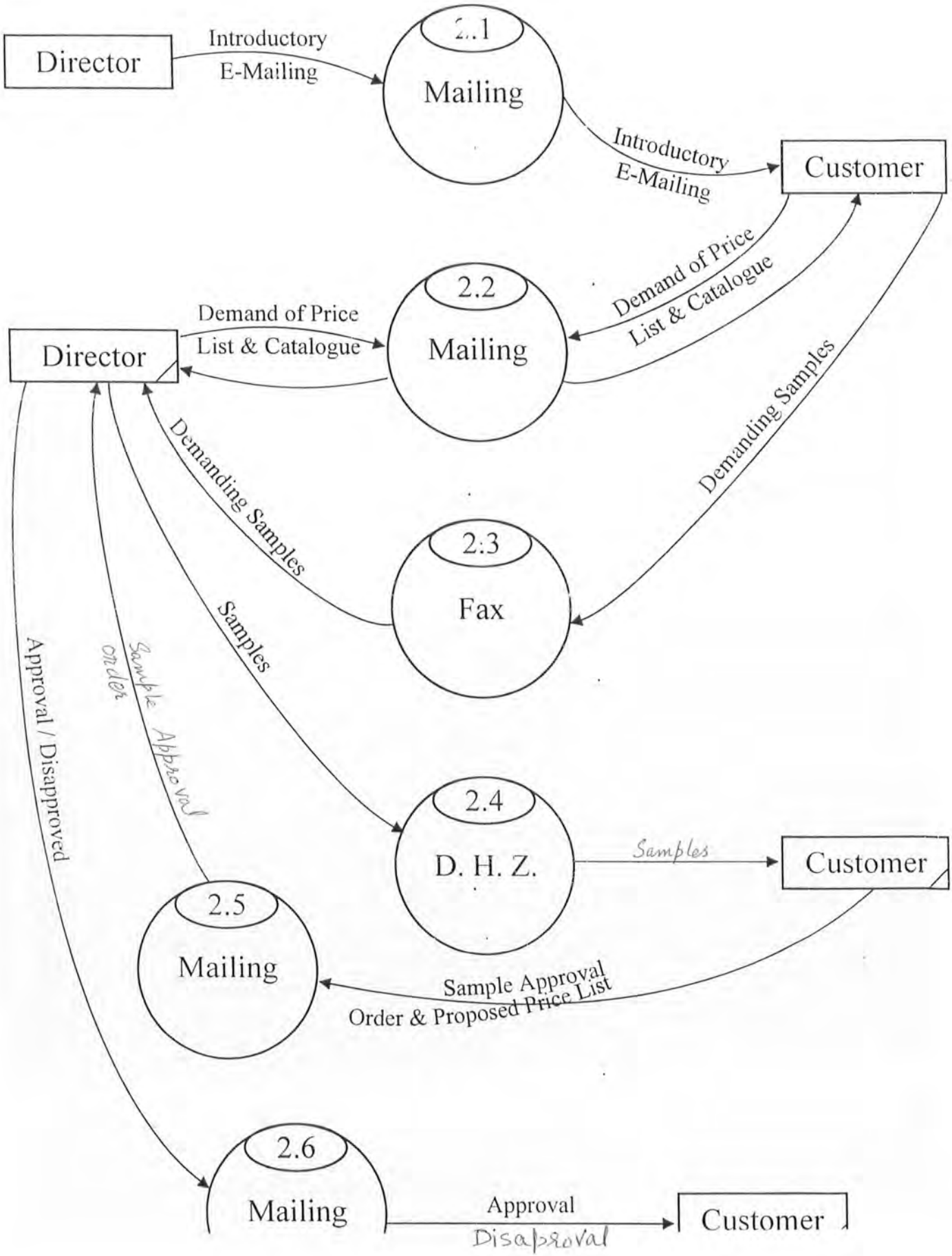


DFD (Export System)

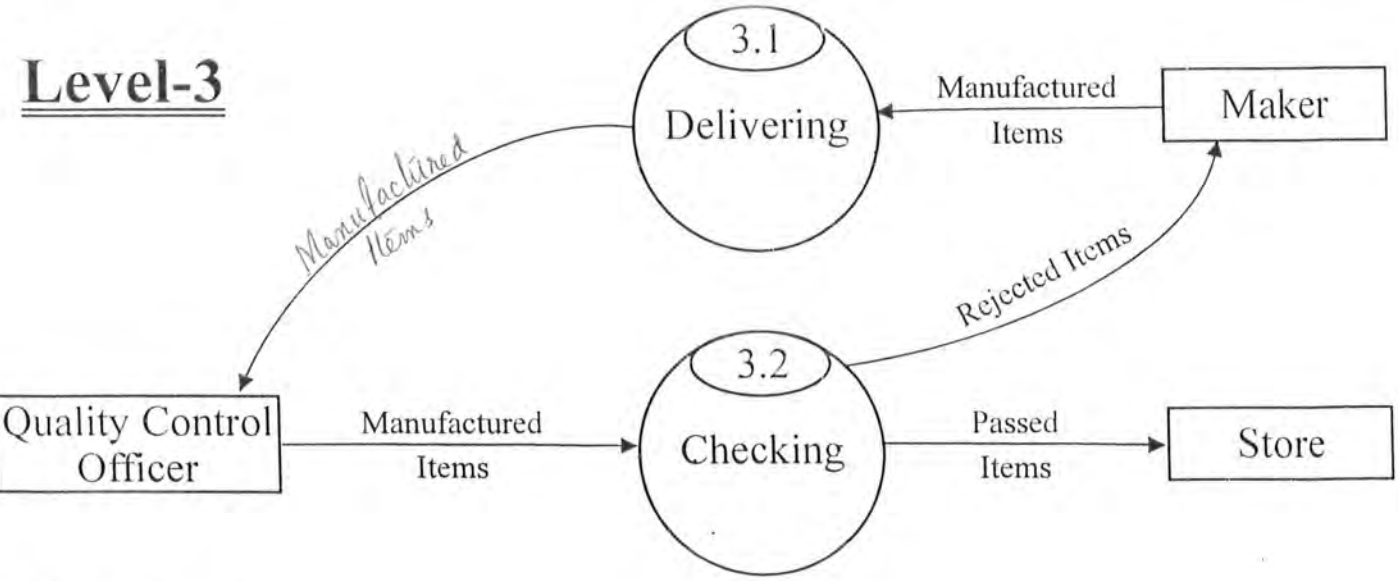
Level-1



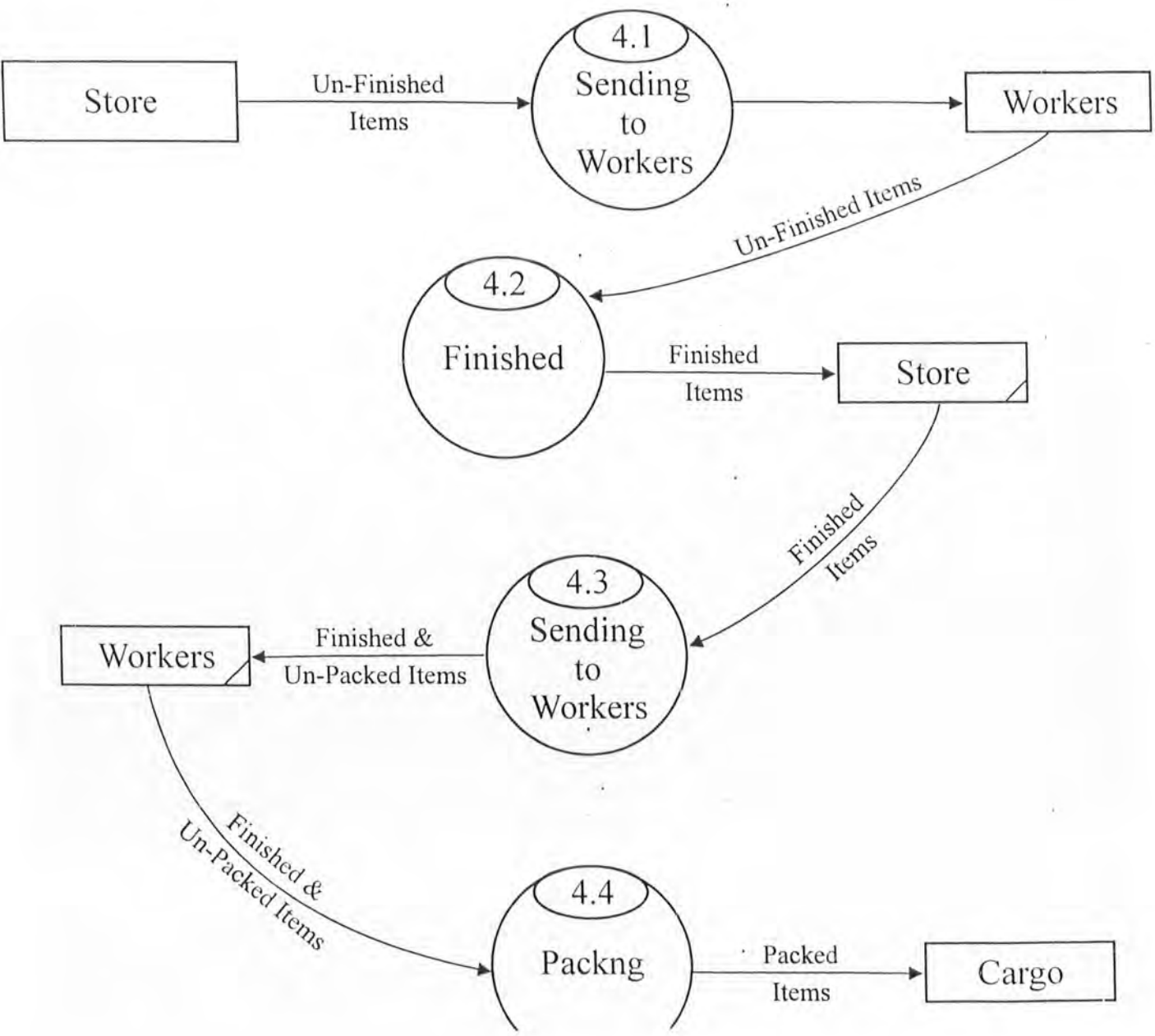
Level-2


Director
Introductory
E-Mailing
2.1
Mailing
Introductory
E-Mailing
Customer
Demand of Price
List & Catalogue
2.2
Mailing
Demand of Price
List & Catalogue
Director
Demanding Samples
Demanding Samples
2.3
Fax
Samples
Sample Approval
order
Approval / Disapproved
2.4
D. H. Z.
Samples
Customer
2.5
Mailing
Sample Approval
Order & Proposed Price List
2.6
Mailing
Approval
Disapproval
Customer

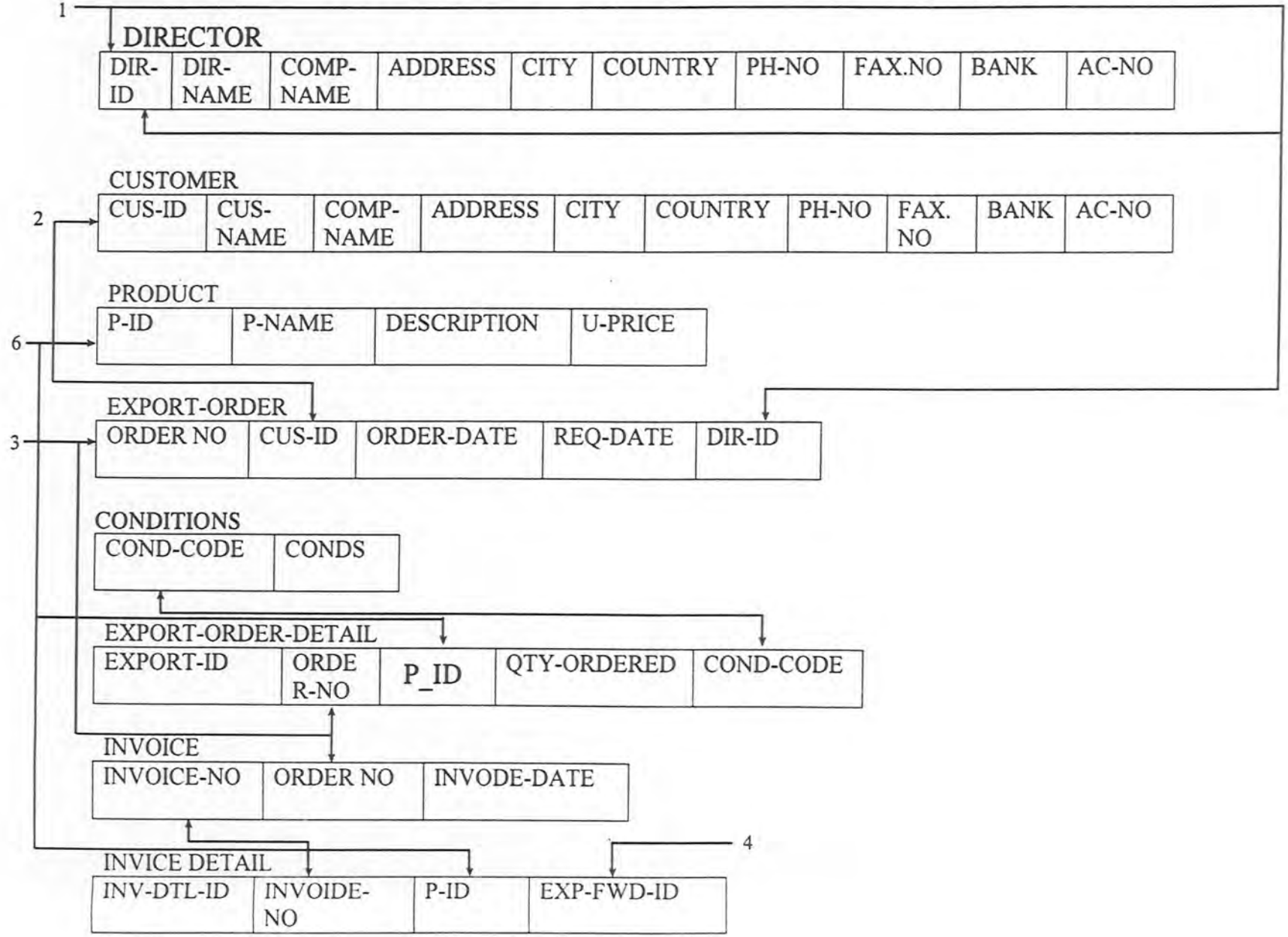
Level-3

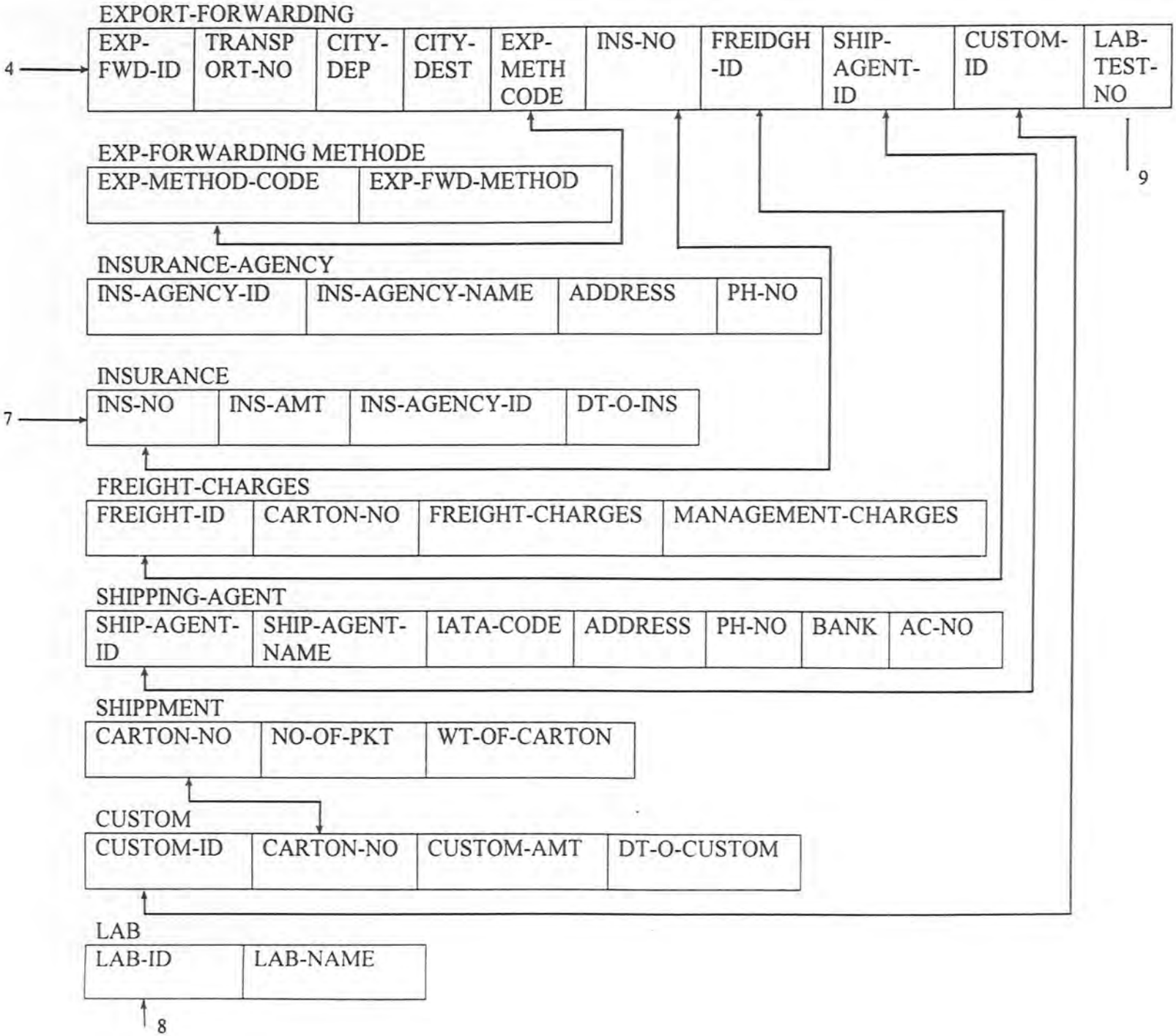


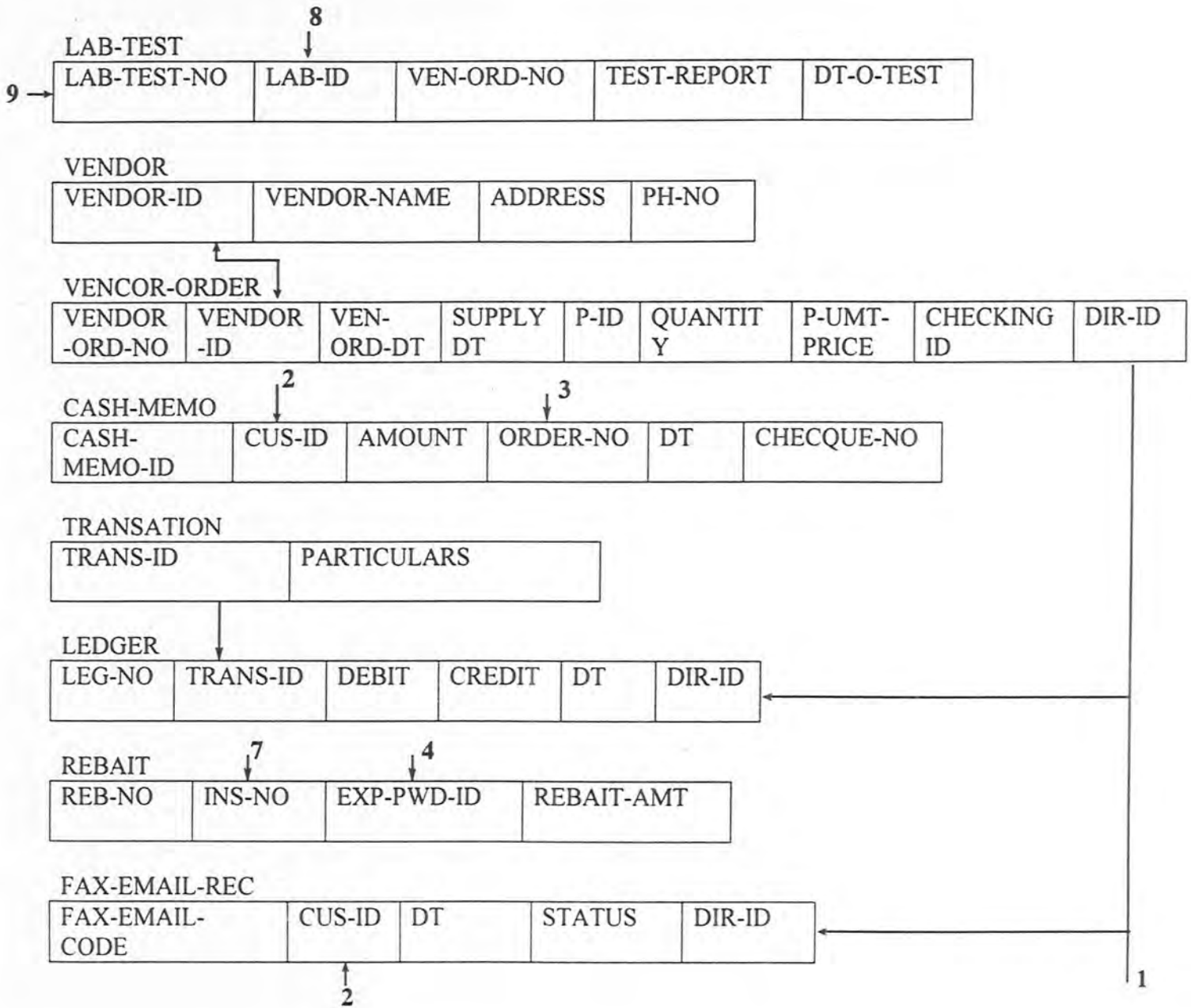
Level-4



BACHMAN DIAGRAM OF EXPORT SYSTEM




EXPORT-FORWARDING
EXP-FWD-ID
TRANSPORT-NO
CITY-DEP
CITY-DEST
EXP-METH CODE
INS-NO
FREIDGH-ID
SHIP-AGENT-ID
CUSTOM-ID
LAB-TEST-NO
4
9
EXP-FORWARDING METHODE
EXP-METHOD-CODE
EXP-FWD-METHOD
INSURANCE-AGENCY
INS-AGENCY-ID
INS-AGENCY-NAME
ADDRESS
PH-NO
INSURANCE
INS-NO
INS-AMT
INS-AGENCY-ID
DT-O-INS
7
FREIGHT-CHARGES
FREIGHT-ID
CARTON-NO
FREIGHT-CHARGES
MANAGEMENT-CHARGES
SHIPPING-AGENT
SHIP-AGENT-ID
SHIP-AGENT-NAME
IATA-CODE
ADDRESS
PH-NO
BANK
AC-NO
SHIPPMENT
CARTON-NO
NO-OF-PKT
WT-OF-CARTON
CUSTOM
CUSTOM-ID
CARTON-NO
CUSTOM-AMT
DT-O-CUSTOM
LAB
LAB-ID
LAB-NAME
8


LAB-TEST
8
9
LAB-TEST-NO
LAB-ID
VEN-ORD-NO
TEST-REPORT
DT-O-TEST
VENDOR
VENDOR-ID
VENDOR-NAME
ADDRESS
PH-NO
VENCOR-ORDER
VENDOR -ORD-NO
VENDOR -ID
VEN-ORD-DT
SUPPLY DT
P-ID
QUANTITY
P-UMT-PRICE
CHECKING ID
DIR-ID
2
3
CASH-MEMO
CASH-MEMO-ID
CUS-ID
AMOUNT
ORDER-NO
DT
CHECQUE-NO
TRANSATION
TRANS-ID
PARTICULARS
LEDGER
LEG-NO
TRANS-ID
DEBIT
CREDIT
DT
DIR-ID
7
4
REBAIT
REB-NO
INS-NO
EXP-PWD-ID
REBAIT-AMT
FAX-EMAIL-REC
FAX-EMAIL-CODE
CUS-ID
DT
STATUS
DIR-ID
2
1

CHAPTER NO 6

CHAPTER 6

TABLES

Following are the tables that are involved in the purposed system.

1. Table Director

This table contains bio-data of director of the exporting firm. This table provide about the director of the firm are in this table. Variables used are as under.

Variable	Field	Status	Description
DIR-ID	Number (6)	Primary Key	Director
DIR-Name	Varchar (40)	Not Null	Director Name
Comp-Name	Varchar (40) Varchar (100)		Company Name
Address	Varchar (40)		
City	Varchar (40)		
Country	Varchar (20)		
Ph-No.	Varchar (20)		
Fax-No.	Varchar (20)		
Bank A/C No.	Varchar (12)		Account Number

2. Table Product

Product table is about the products to be exported by the firm. It contains product identification; name description and unit price variables are as under.

Variable	Field	Status	Description
P-ID	Number (6)	Primary Key	Product ID
P-Name	Varchar (30)	Not Null	Product Name
Description	Varchar (40)		
U-Price	Number (6)		Unit Price

3. Table Customer

In this table all the information about the customer who purchases the products are described customers may be more the one and all the particulars of customer are in his table variables are as under.

Variable	Field	Status	Description
Cus-ID	Number (6)	Primary Key	Customer ID
Cus-Name	Varchar (40)	Not Null	Customer Name
Comp-Name	Varchar (40)		Company Name
Address	Varchar (100)		
City	Varchar (15)		
Country	Varchar (25)		
Ph-No.	Varchar (20)		
Fax-No.	Varchar (20)		
Bank	Varchar (50)		
A/C	Varchar (15)		Account Number

4. Table Export-Order

In this table initial information's of export order by a customer are given. It contains customer's identifications order data and required date.

Variable	Field	Status	Description
Order-No	Number (6)	Primary Key	
Cus-ID	Number (6)	Foreign Key	Customer ID
Order-Date	Date		
Req-Date	Date		Required Date
Dir-ID	Number (6)		Director ID

5. Table Conditions

Export is done under some conditions this table contains all those couditions which are of three typs. C.I.F (Cost, Insurance, Freight) F.O.B (Free and Board) C&F (Cost, Freight)

Variable	Field	Status	Description
Cond-Code	Number (2)	Primary Key	Condition Code
Conds	Varchar (5)		Conditions

6. Table Export Order Detail

In this table details of export order are given. It describes the product ordered, Quantity and conditions on which products.

Variable	Field	Status	Description
Exporд-ID	Number (6)	Primary Key	Export Order ID
Order-No.	Number (6)	Foreign Key	
Prod-ID	Number (6)	Foreign Key	Product ID
Qty-Ordered	Number (7)		Quantity Ordered
Cond-Code	Number (6)		Condition Code

7. Table Invoice

When an order is fulfilled invoice for the payment & prepared this table gives order no invoice number and its date.

Variable	Field	Status	Description
Invoice-No	Number (6)	Primary Key	
Order-No	Number (6)	Foreign Key	
Invoice-Date	Date		

8. Table Invoice Detail

This table contains details of invoice along with its no export method and other details.

Variable	Field	Status	Description
Inv-Dtl-ID	Number (6)	Primary Key	Invoice Detail ID
Invoice-No	Number (6)	Foreign Key	
P-ID	Number (6)	Foreign Key	Product ID
Export-Forwarding-ID	Number (6)	Foreign Key	

9. Table Export Forwarding

This table contains all the details required for invoice along with shipping agent conditions for export, cargo agent city departure, city destination etc.

Variable	Field	Status	Description
Exp-Fwd-ID	Number (6)	Primary Key	Export Forwarding ID
Transport-No	Varchar (10)		
City-Dep	Varchar (40)		City Departure
City-Dest	Varchar (40)		City Destination
Cond-Code	Number (2)	Foreign Key	Condition Code
Ins-No	Varchar (10)	Foreign Key	Insurance Number
Freight-ID	Number (6)	Foreign Key	
Ship-Agent-ID	Number (6)	Foreign Key	Shipping Agent ID
Cus-ID	Number (6)	Foreign Key	Customer ID
Lab-Test-No	Number (10)	Foreign Key	Laboratory Test No

10. Table Exp-Forwarding-Method

This table contains the information's about the exporting source.

Variable	Field	Status	Description
Exp-Method-Code	Number (2) Varchar (10)	Primary Key	Export Method Code
Exp-Fwd-Method			Export Forwarding Method

11. Table Insurance

Exported products are insured for safety this table contains the information about insurance conditions and insurance agency.

Variable	Field	Status	Description
Ins-No	Number (10)	Primary Key	Insurance Number
Ins-Amt	Number (7)		Insurance Amount
Ins-Agency-ID	Number (9)	Foreign Key	Insurance Agency ID
Date-o-Ins	Date		Date of Insurance

12. Table Insurance- Agency

This table contains information about the different insurance agencies which provide this facility to the export firm.

Variable	Field	Status	Description
Ins-Agency-ID	Number (6)	Primary Key	Insurance Agency ID
Ins-Agency-Name	Varchar (30)		Insurance Agency Name
Address	Varchar (100)		
Ph-No	Varchar (20)		

13. table Freight-Charges

This table is related to cargo agent and custom management charges for a shipment and airfreight paid.

Variable	Field	Status	Description
Freight-ID	Number (6)	Primary Key	
Carton-No	Number (4)	Foreign Key	
Freight-Charges	Number (10)		
Management-Charges	Number (6)		

14. Table Shipping-Agent

This table provides all the particulars of different shipping agents we can get the information about different shipping agent for the shipment.

Variable	Field	Status	Description
Ship-Agent-ID	Number (6)	Primary Key	Shipping Agent ID
Ship-Agent-Name	Varchar (40)	Not Null	Shipping Agent Name
IATA-Code	Varchar (10)		
Address	Varchar (100)		
Ph-No	Varchar (20)		
Bank	Varchar (25)		
A/C No	Number (15)		Account Number

15. Table Shipment

This table gives the detail of shipment of an export order i.e how much material is exported against on export order.

Variable	Field	Status	Description
Carton-No	Number (4)	Primary Key	
No-of-Pkt	Number (5)		Number of Packets
Wt-of-Carton (Kg)	Number (6)		Weight of Carton (kg)

16. Table Custom

Custom is paid on each and every shipment according to the rules this table provide the custom amount paid on a shipment.

Variable	Field	Status	Description
Custom-ID	Number (6)	Primary Key	
Carton-No	Number (4)	Foreign Key	
Custom-Amt	Varchar (6)		Custom Amount
D-O-Custom	Date		Date of Custom

17. Table Lab

Products, which are to be exported, require a lab test for the material used this table give the particulars of labs.

Variable	Field	Status	Description
Lab-ID	Number (6)	Primary Key	Laboratory ID
Lab-Name	Varchar (30)		Laboratory Name
Address	Varchar (100)		
Ph-No	Number (20)		

18. Table Lab-Test

This table contains the results of the lab test of a product and report of the lab.

Variable	Field	Status	Description
Lab-Test-No	Number (15)	Primary Key	Laboratory Test Number
Lab-ID	Number (6)	Foreign Key	Laboratory ID
Ven-Ord-No	Number (5)	Foreign Key	Vendor Order Number
Test-Report	Varchar (6)		
D-o-Test	Date		Date of Test

19. Table Vendor

After getting the export order firm gives it to a vendor for the preparation of the required products. This table contains the information's entire about vender.

Variable	Field	Status	Description
Vendor-ID	Number (6)	Primary Key	
Vendor-Name	Varchar (40)	Not Null	
Address	Varchar (100)		
Ph-No	Number (15)		

20. Table Vendor Order

This table provide the details of an order given to a vendor along with the dates of order and required date.

Variable	Field	Status	Description
Vendor-Ord-No	Number (6)	Primary Key	Vendor Order Number
Vendor-ID	Number (6)	Foreign Key	
Ven-Ord-Date	Date		Vendor Order Date
Supply-Date	Date		
P-ID	Number (6)	Foreign Key	Product ID
Quantity	Number (6)		
P-Unit-Price	Varchar (5)		Product Unit Price
Checking-ID	Varchar (10)		
Dir-ID	Number (6)	Foreign Key	Director ID

21. Table Fax, E-Mail Record

This table provide the fax and Email record for the director which are kept for the record.

Variable	Field	Status	Description
Fax-Emial-Code	Number (10)	Primary Key	
Cus-ID	Number (6)	Foreign Key	Customer ID
Dt	Date		Date
Status	Varchar (10)		
Dir-ID	Number (6)	Foreign Key	Director ID

22. Table Cash Memo

Cash_memo is a book with the help of which order & payments is given to a vendor this table used as a cash memo.

Variable	Field	Status	Description
Cash-Memo-ID	Number (6)	Primary Key	
Cus-ID	Number (6)	Foreign Key	Customer ID
Amount	Number (10)		
Order-No.	Number (6)		
Dt	Date		Date
Cheque-No	Varchar (15)		

23. Table Transaction

This table contains all the kinds of transactions made by the director of the firm as the expenditure and earning of the firm.

Variable	Field	Status	Description
Trans-ID	Number (6)	Primary Key	Transaction ID
Particulars	Varchar (60)		

24. Table Ledger

This table is just like a ledger it contains all the transactions as debit or credit.

Variable	Field	Status	Description
Leg-No	Number (6)	Primary Key	Ledger Number
Trans-No	Number (6)	Foreign Key	Transaction Number
Debit	Number (15)		
Credit	Number (15)		
Dt	Date		Date
Dir-ID	Number	Foreign Key	Director ID

25. Table Rebaite

Govt gives rebate at the rate of 5.72 % of the amount of invoice excluding freight charges and insurance amount this table gives facility to calculate the rebate.

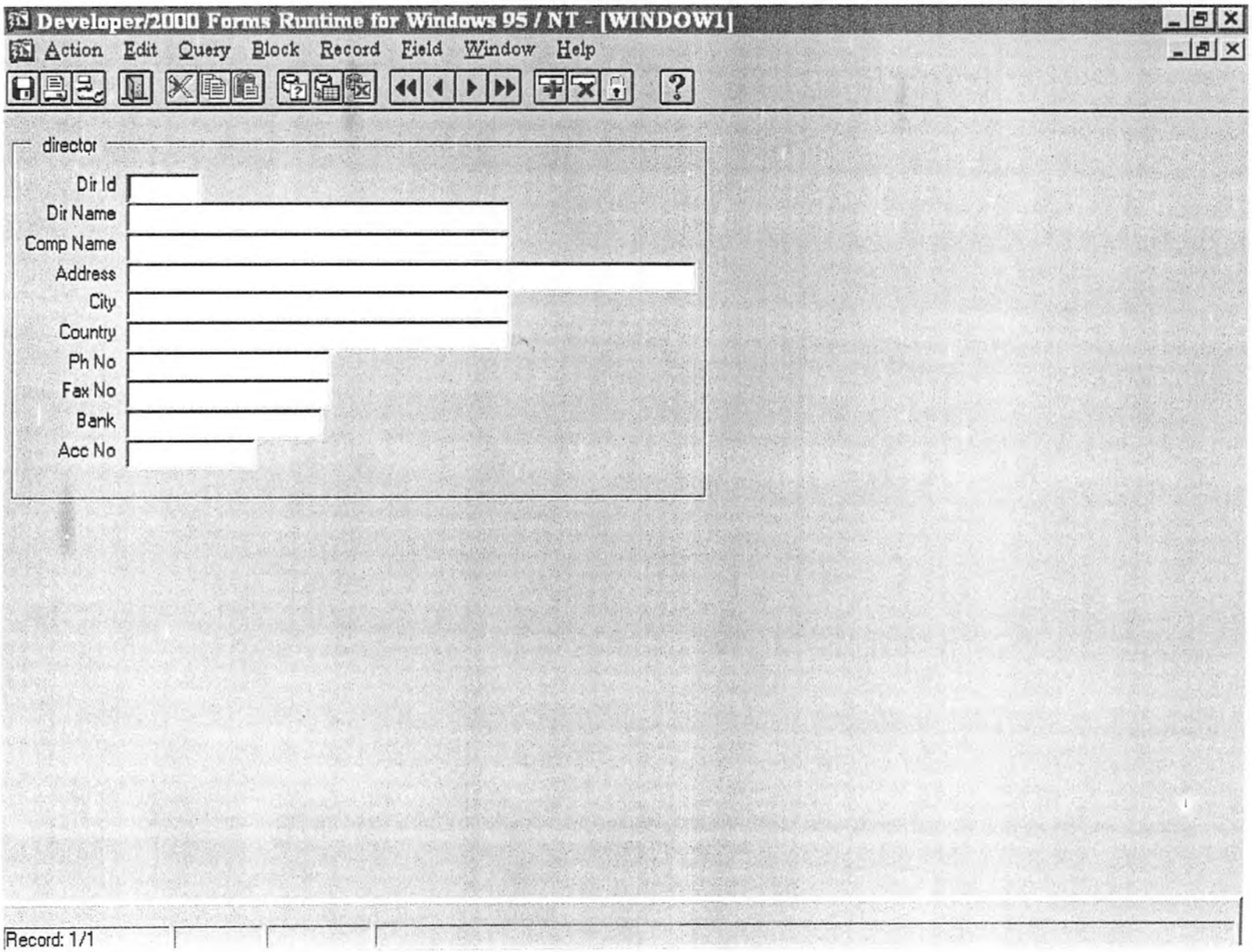
Variable	Field	Status	Description
Reb-No	Number (6)	Primary Key	Rebate Number
Ins-No	Number (10)	Foreign Key	Insurance Number
Exp-Fwd-ID	Number (6)	Foreign Key	Export Forwarding ID
Rebate-Amt	Number (10)		Rebate Amount

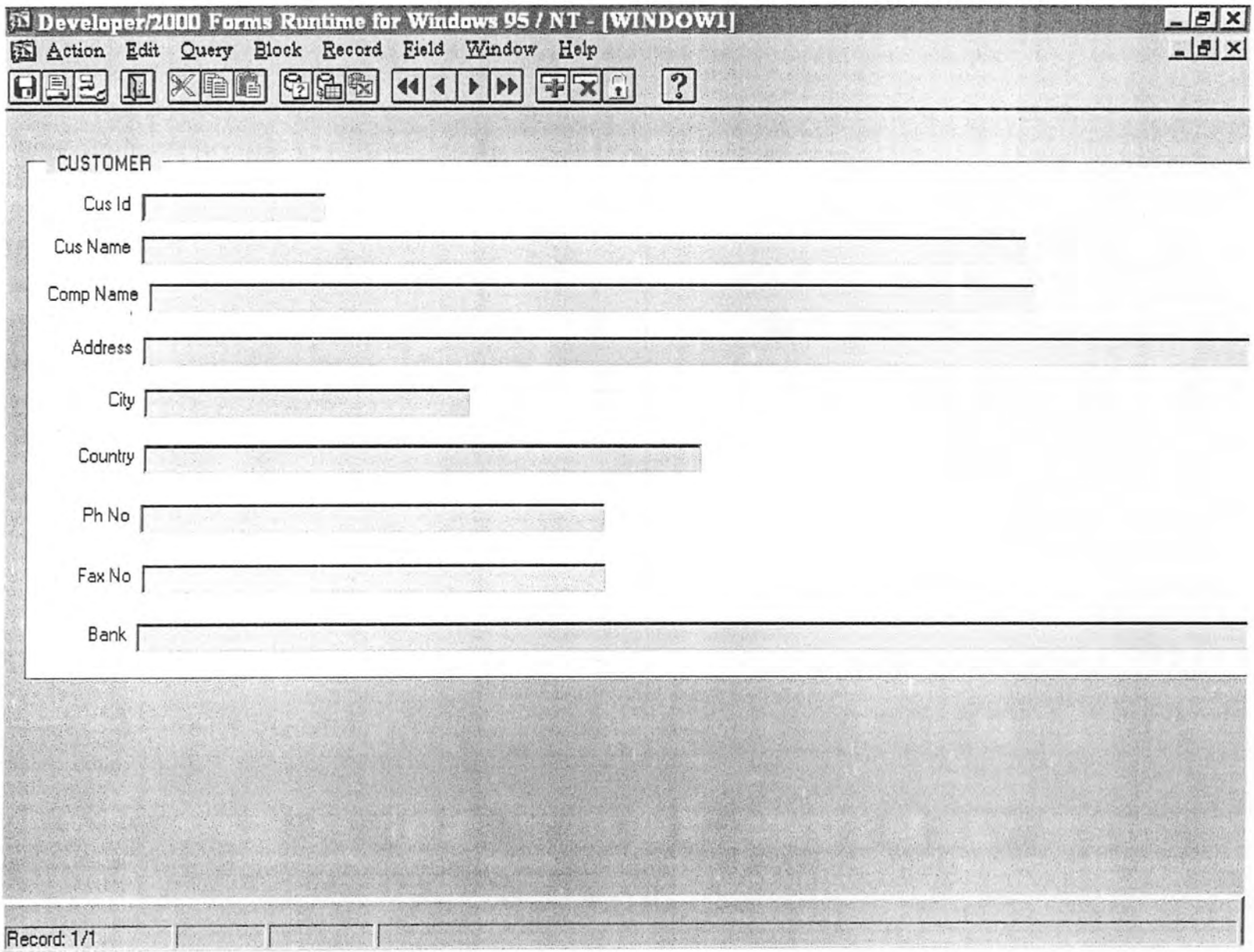
CHAPTER NO 7

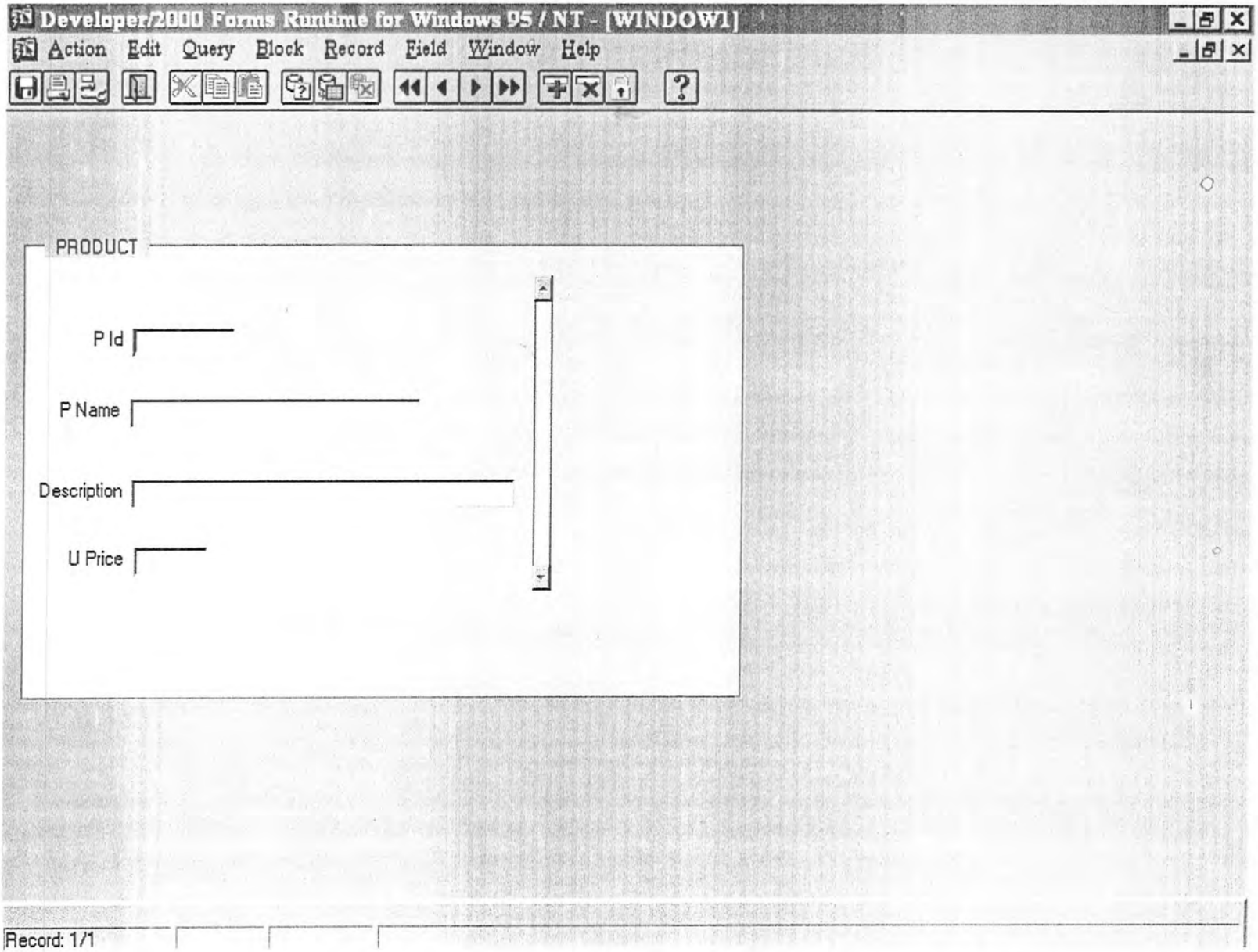
CHAPTER NO 7

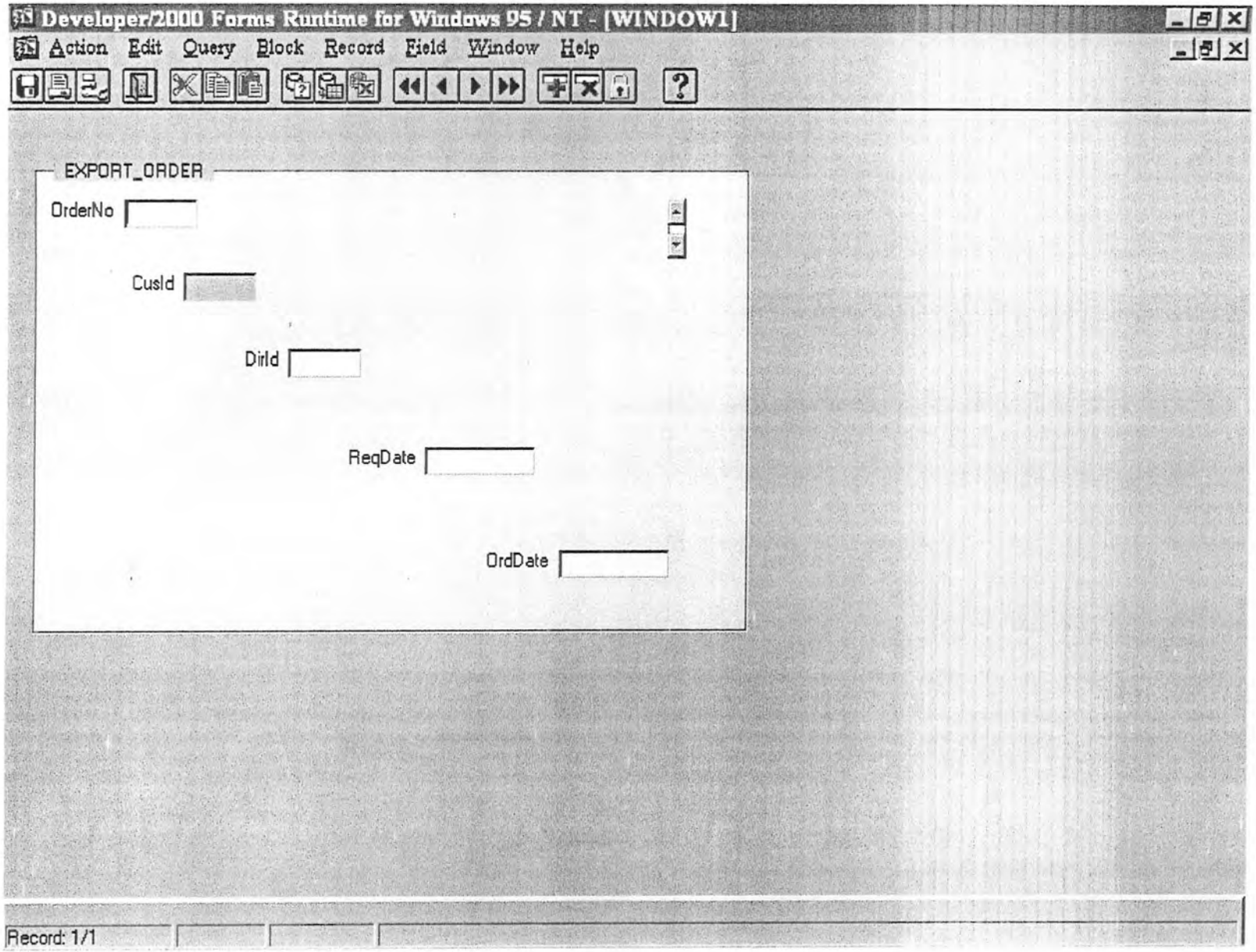
FORMS AND REPORTS

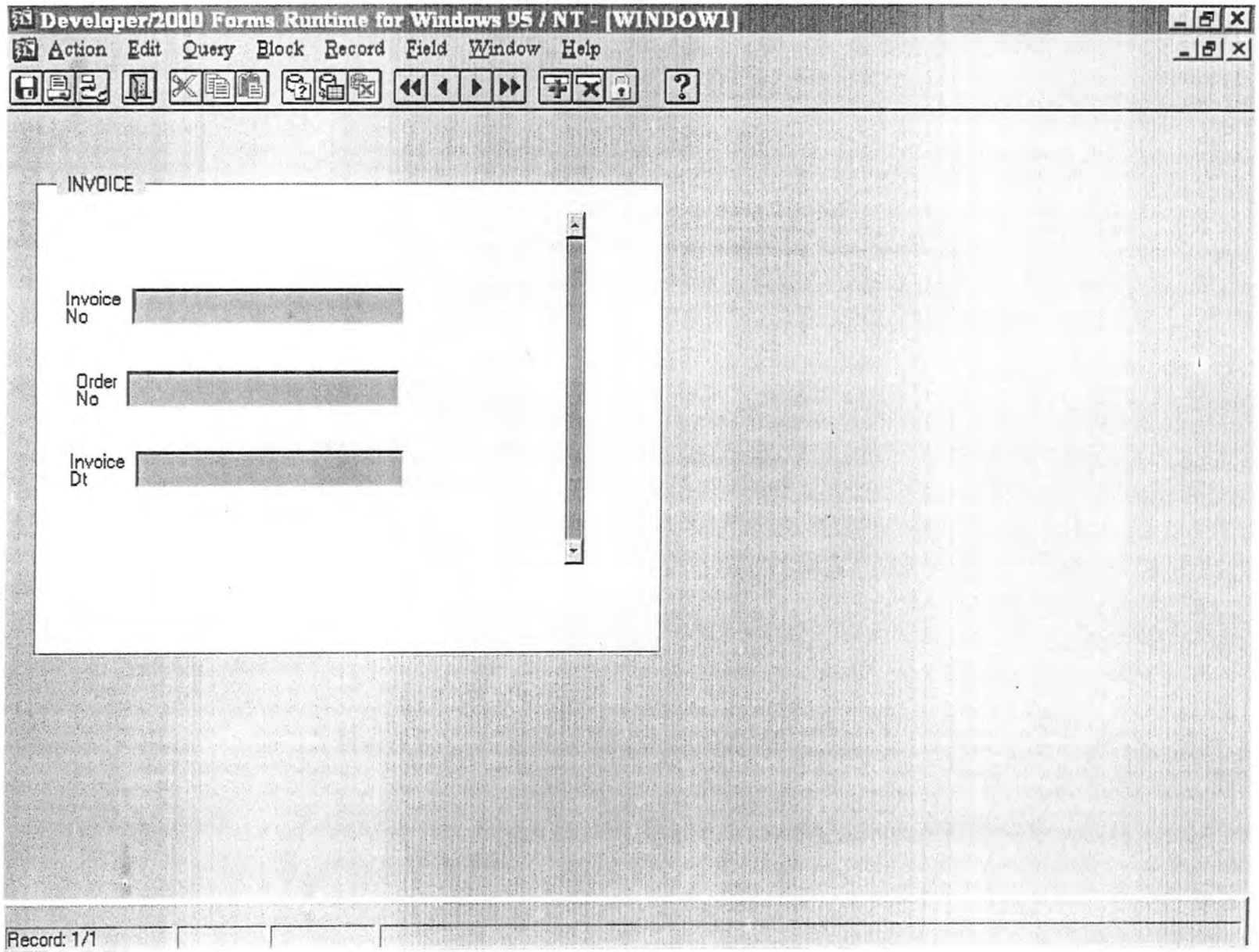
FOLLOWING ARE THE FORMS DESIGNED FOR SURGICIAL EXPORT SYSTEM.

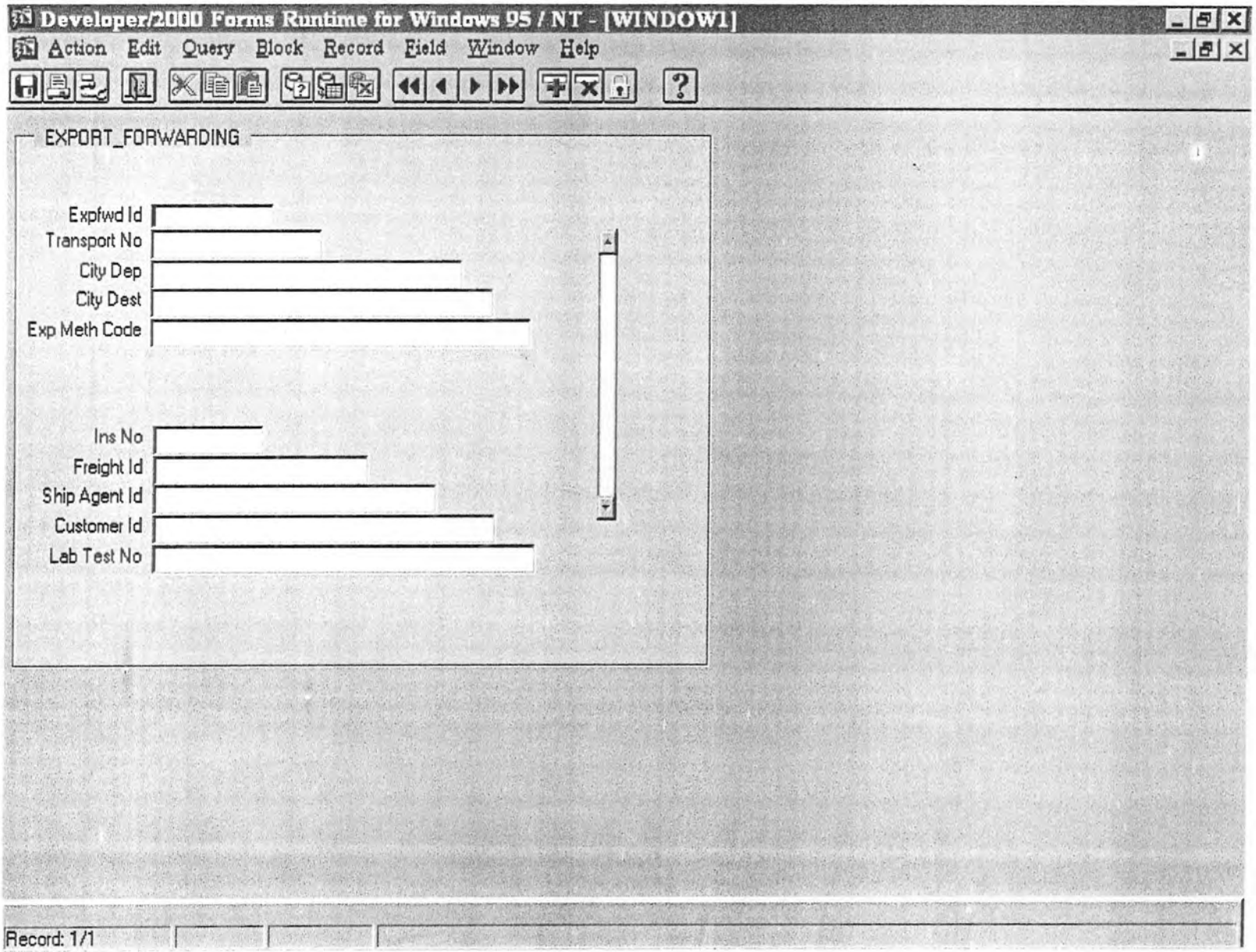

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
director
Dir Id
Dir Name
Comp Name
Address
City
Country
Ph No
Fax No
Bank
Acc No
Record: 1/1

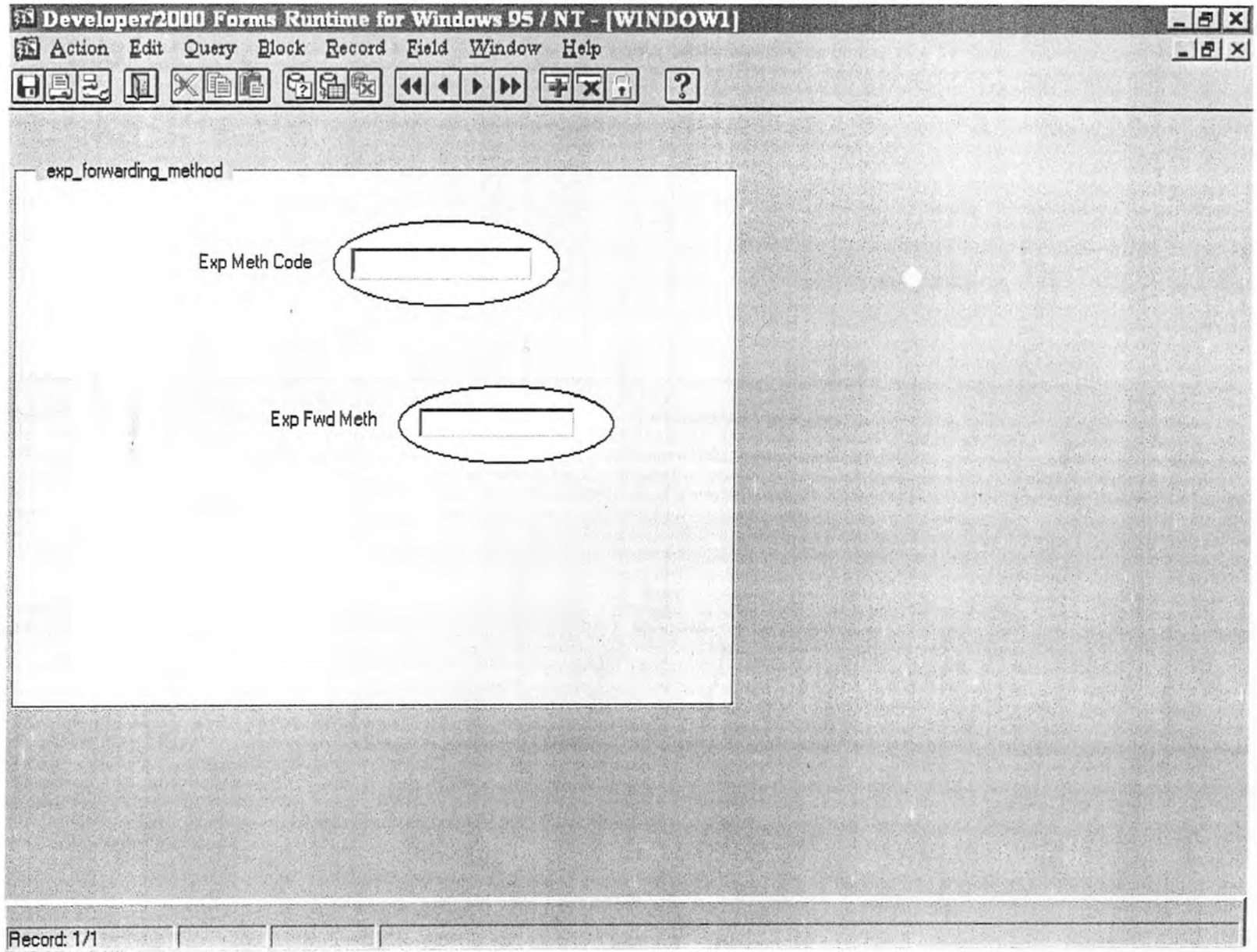

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
CUSTOMER
Cus Id
Cus Name
Comp Name
Address
City
Country
Ph No
Fax No
Bank
Record: 1/1

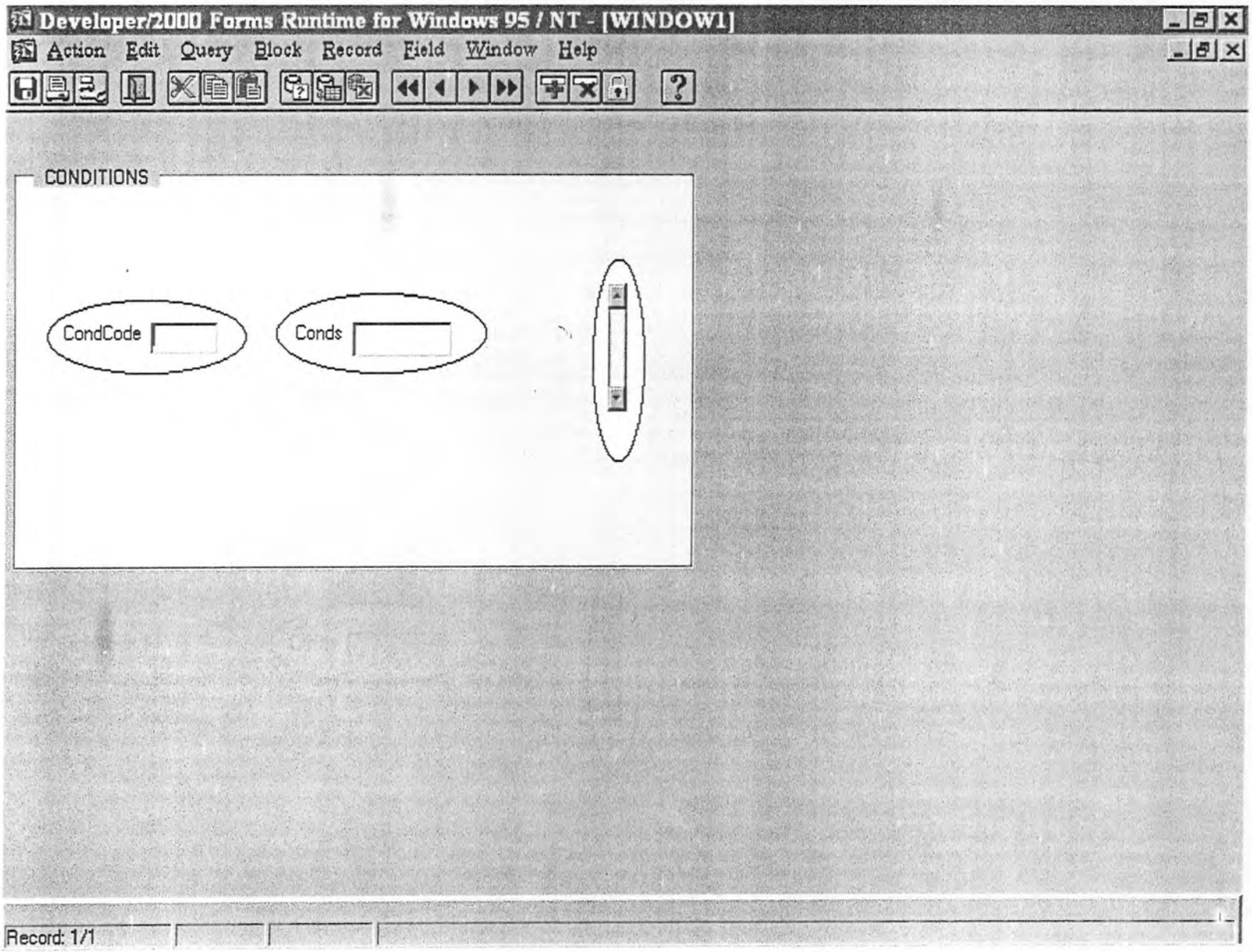

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
PRODUCT
P Id
P Name
Description
U Price
Record: 1/1

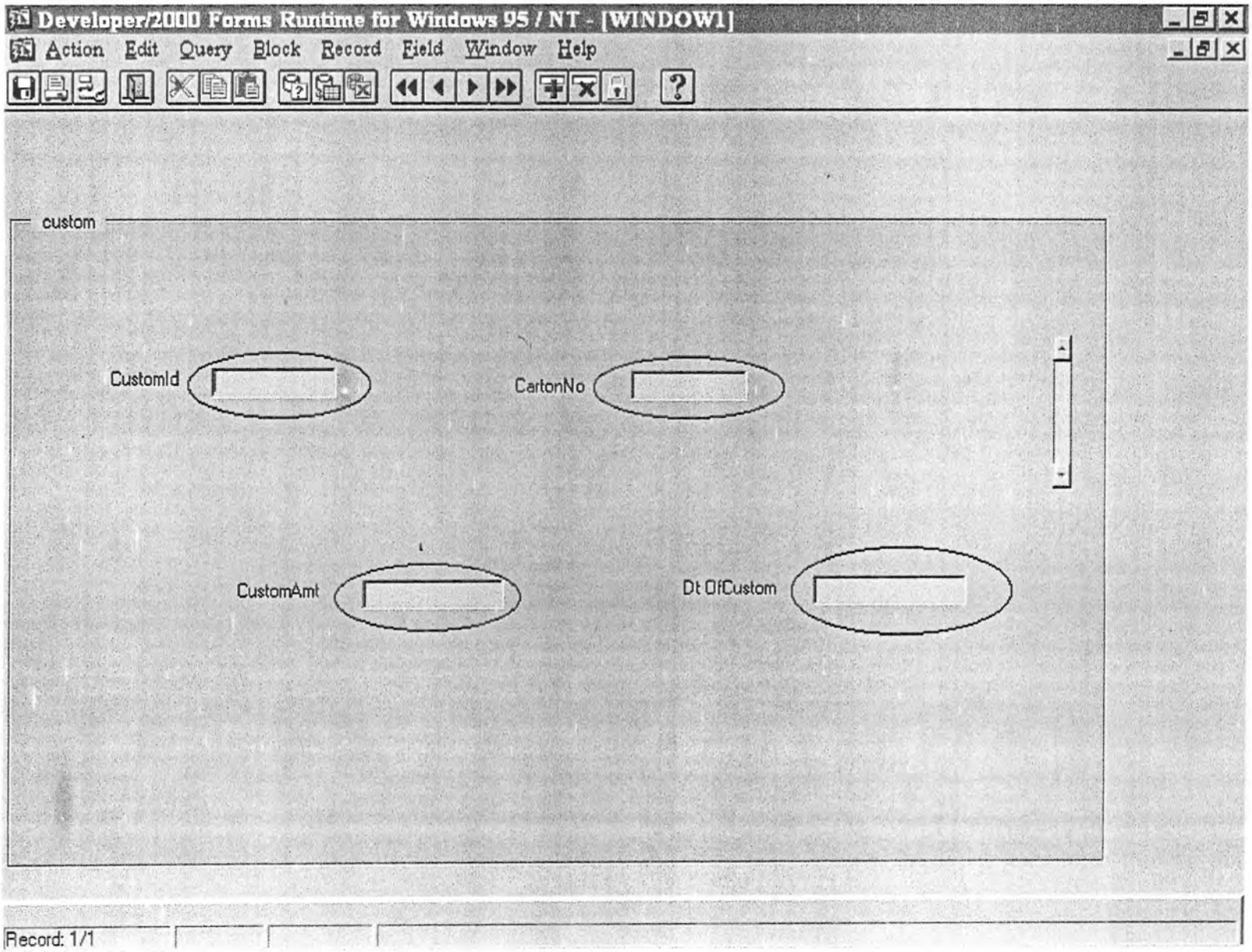

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
EXPORT_ORDER
OrderNo
CusId
DirId
ReqDate
OrdDate
Record: 1/1

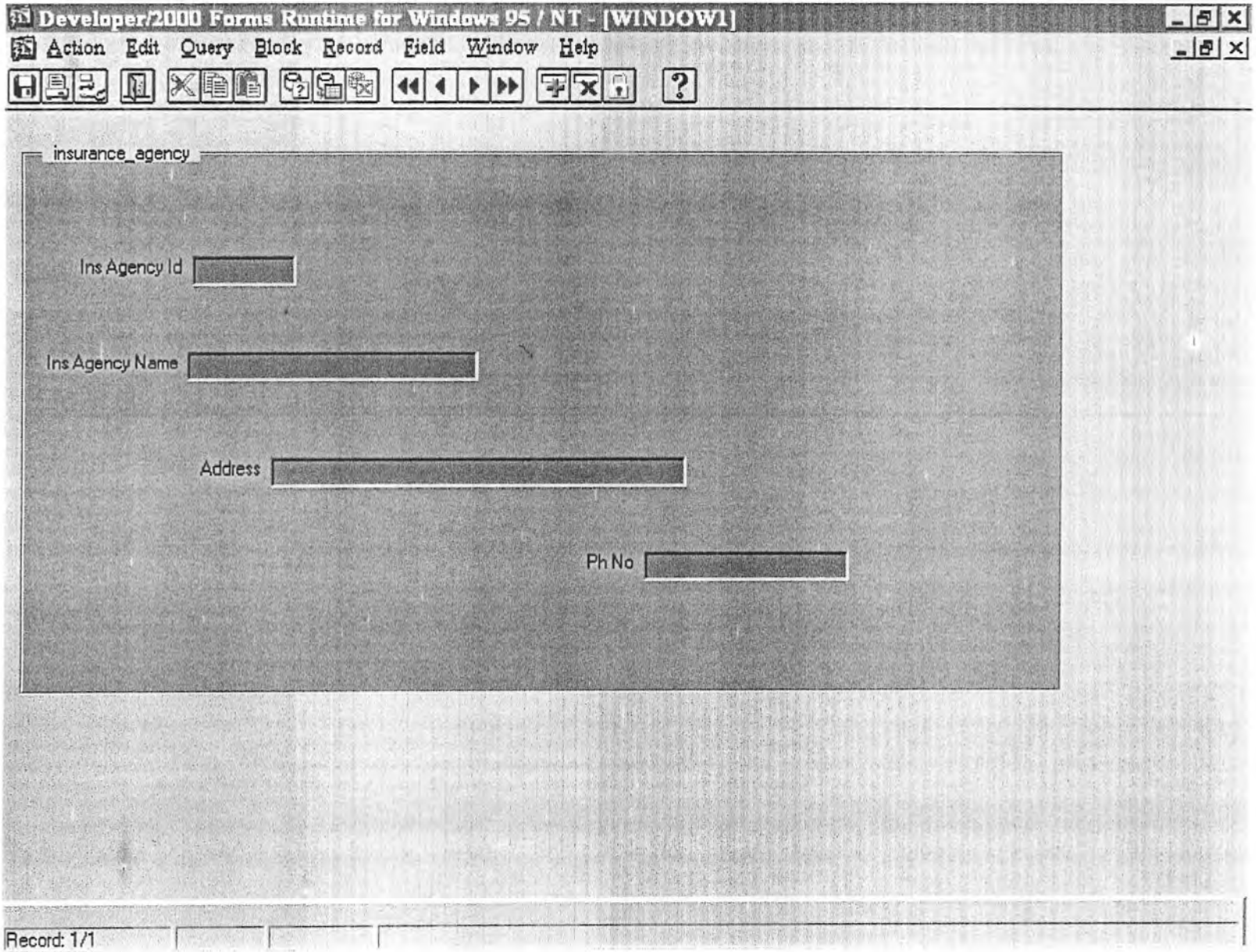

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
INVOICE
Invoice No
Order No
Invoice Dt
Record: 1/1

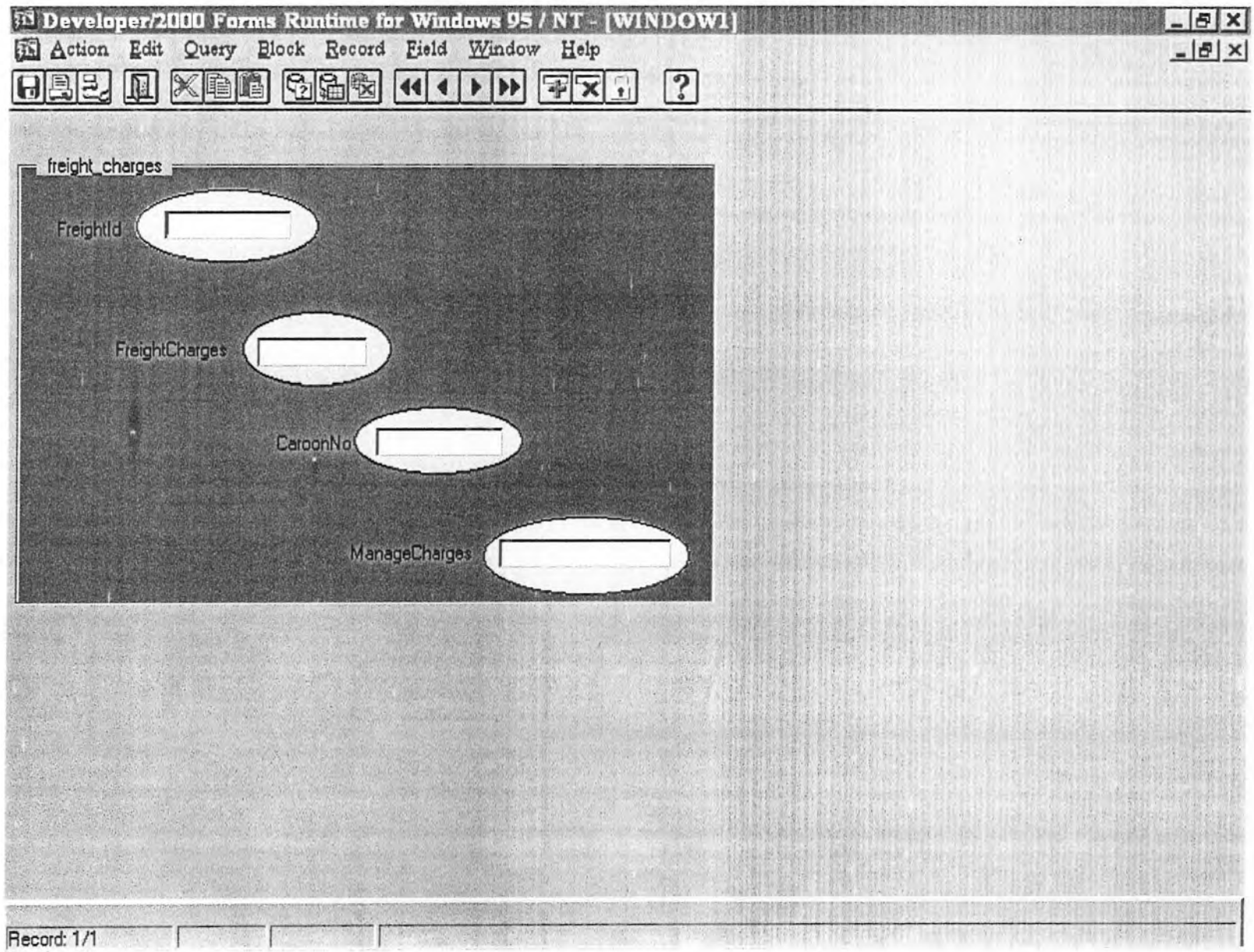

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
EXPORT_FORWARDING
Expfwd Id
Transport No
City Dep
City Dest
Exp Meth Code
Ins No
Freight Id
Ship Agent Id
Customer Id
Lab Test No
Record: 1/1

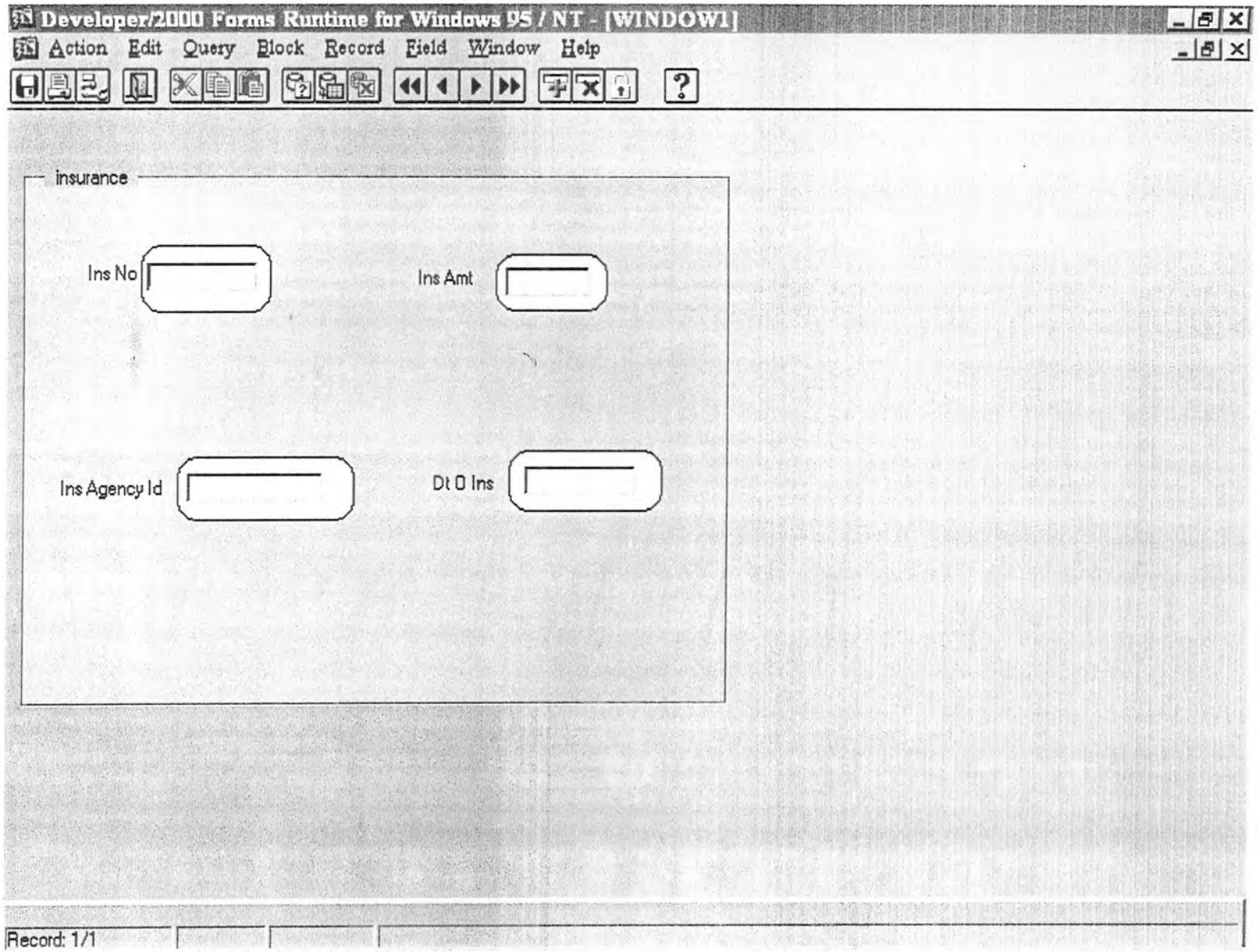

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
exp_forwarding_method
Exp Meth Code
Exp Fwd Meth
Record: 1/1

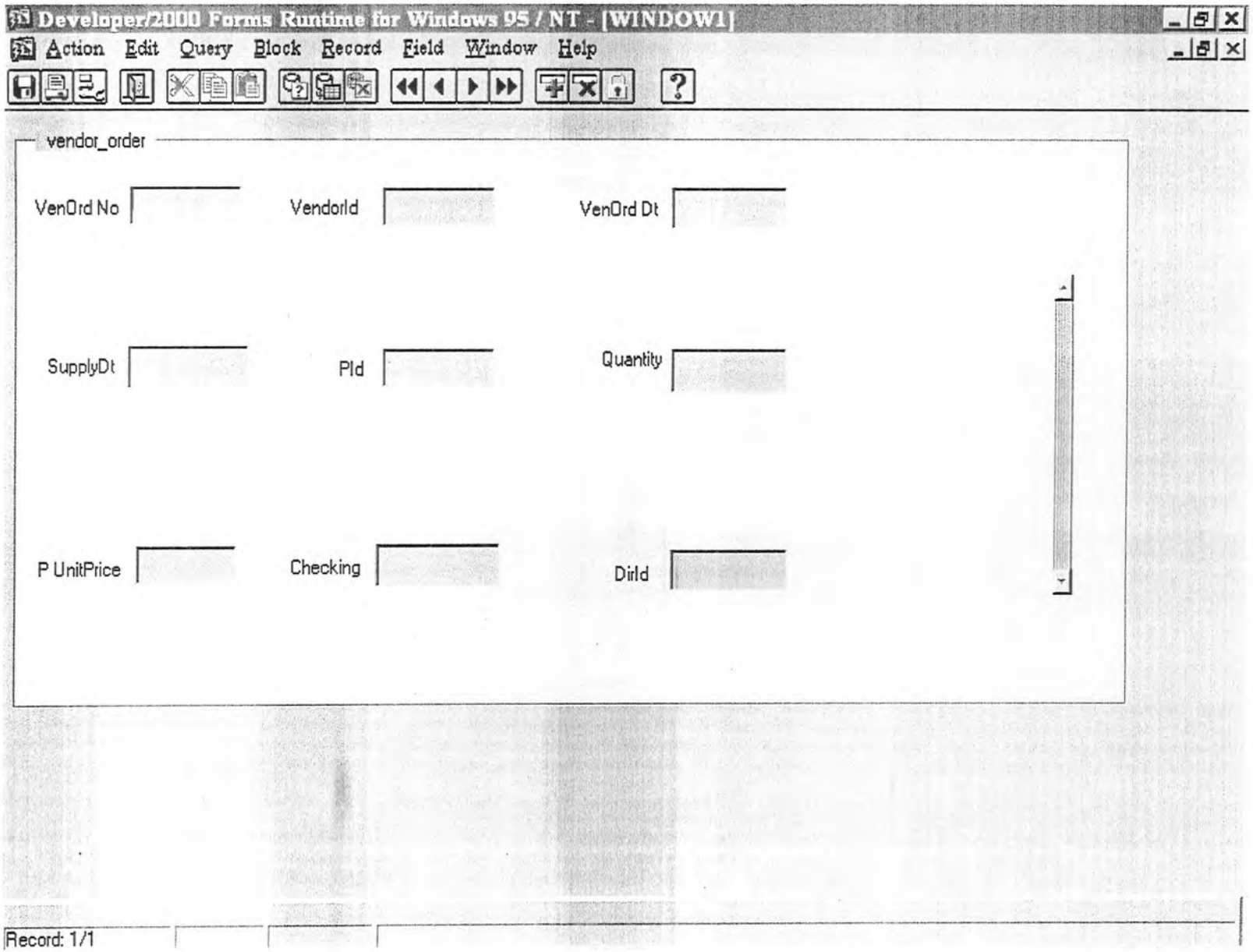

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
CONDITIONS
CondCode
Conds
Record: 1/1

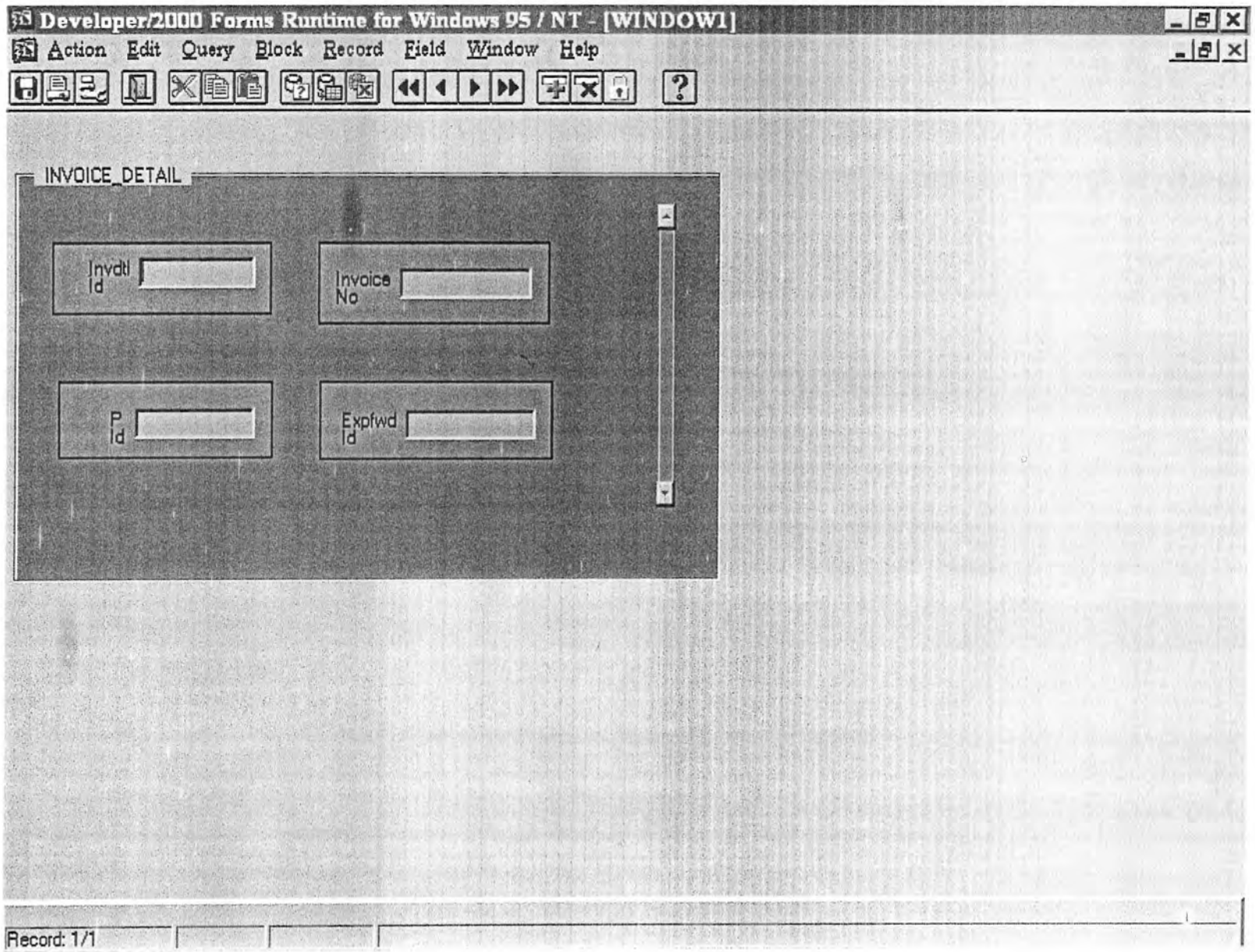

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
custom
CustomId
CartonNo
CustomAmt
Dt OfCustom
Record: 1/1

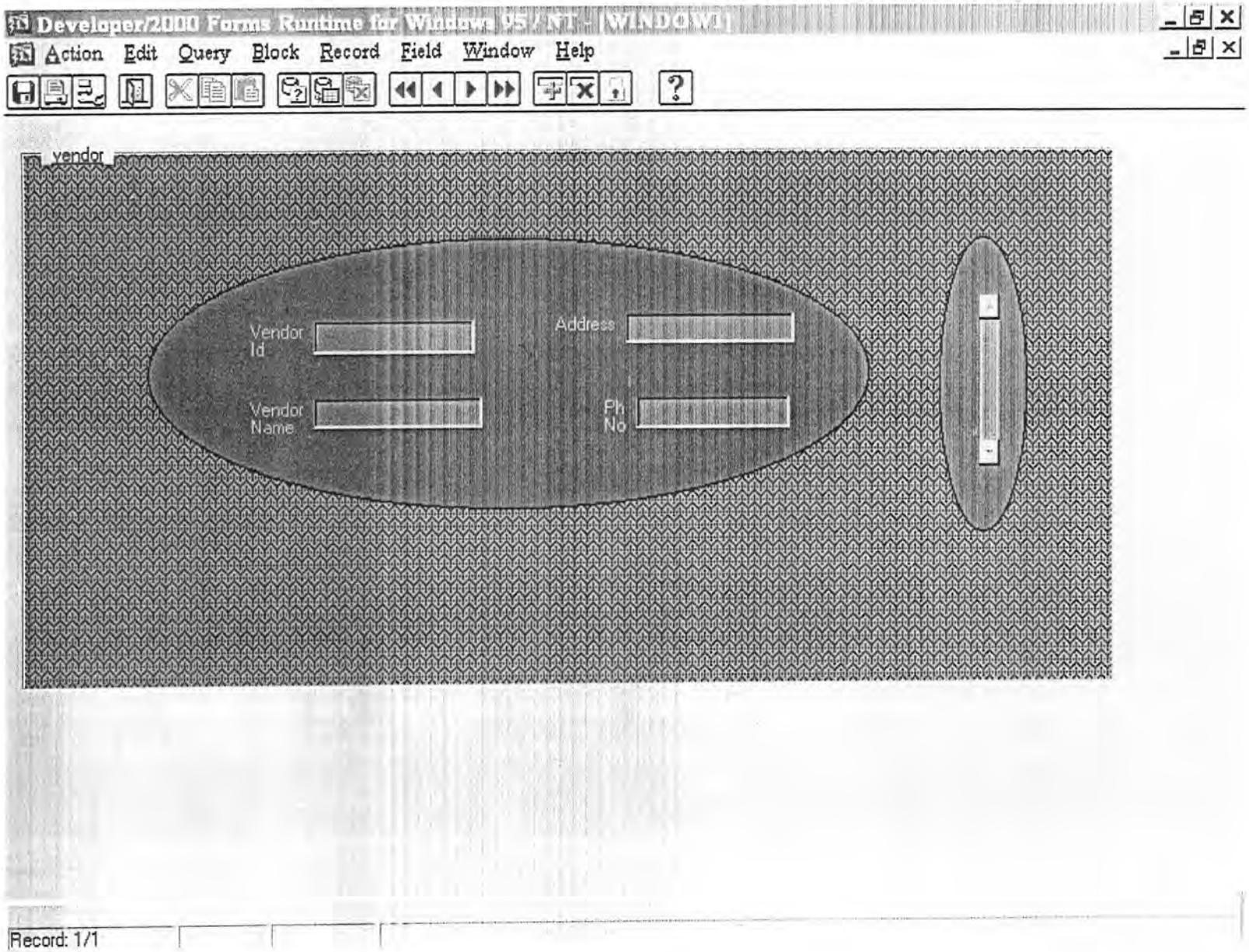

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
insurance_agency
Ins Agency Id
Ins Agency Name
Address
Ph No
Record: 1/1

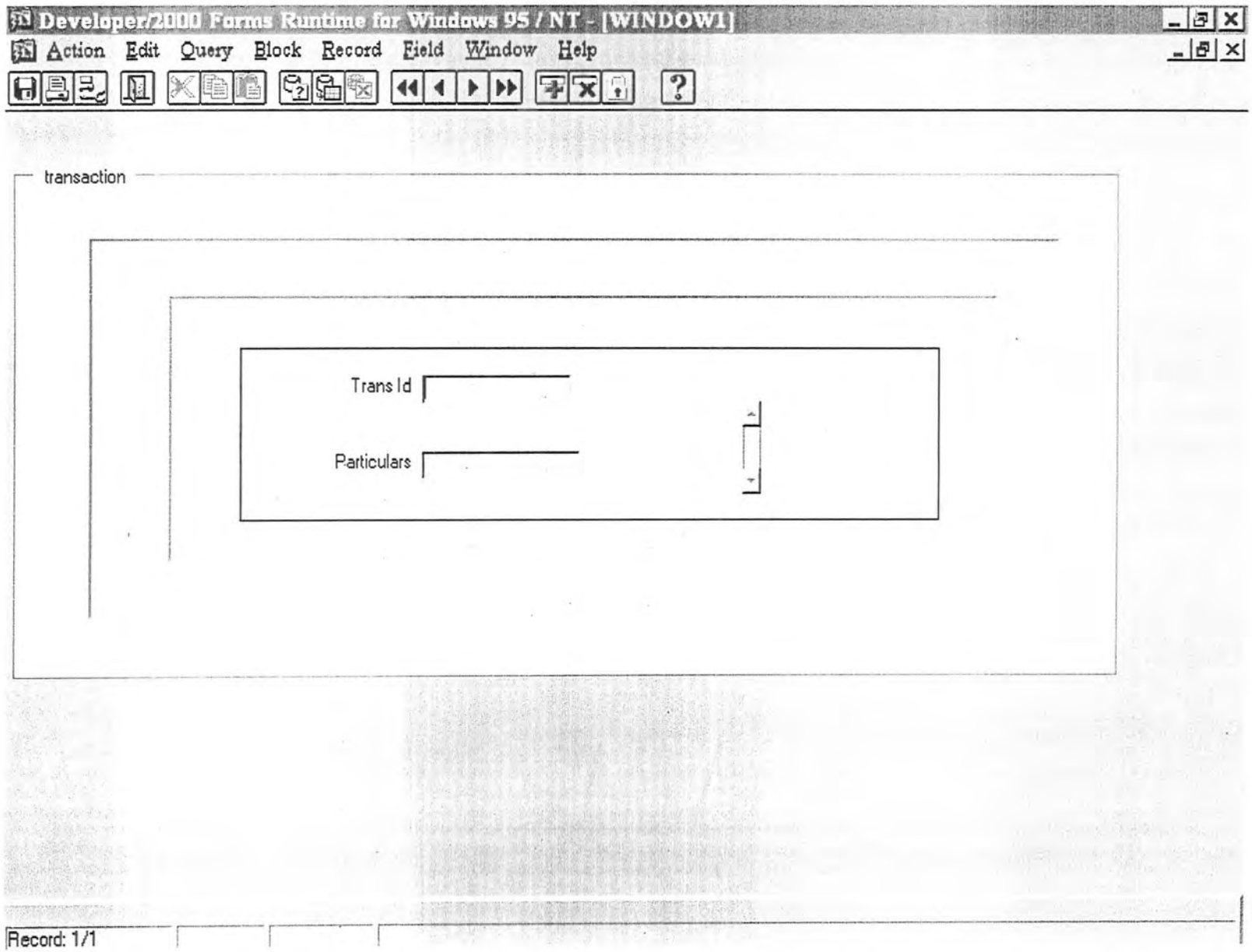

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
freight_charges
FreightId
FreightCharges
CaroonNo
ManageCharges
Record: 1/1

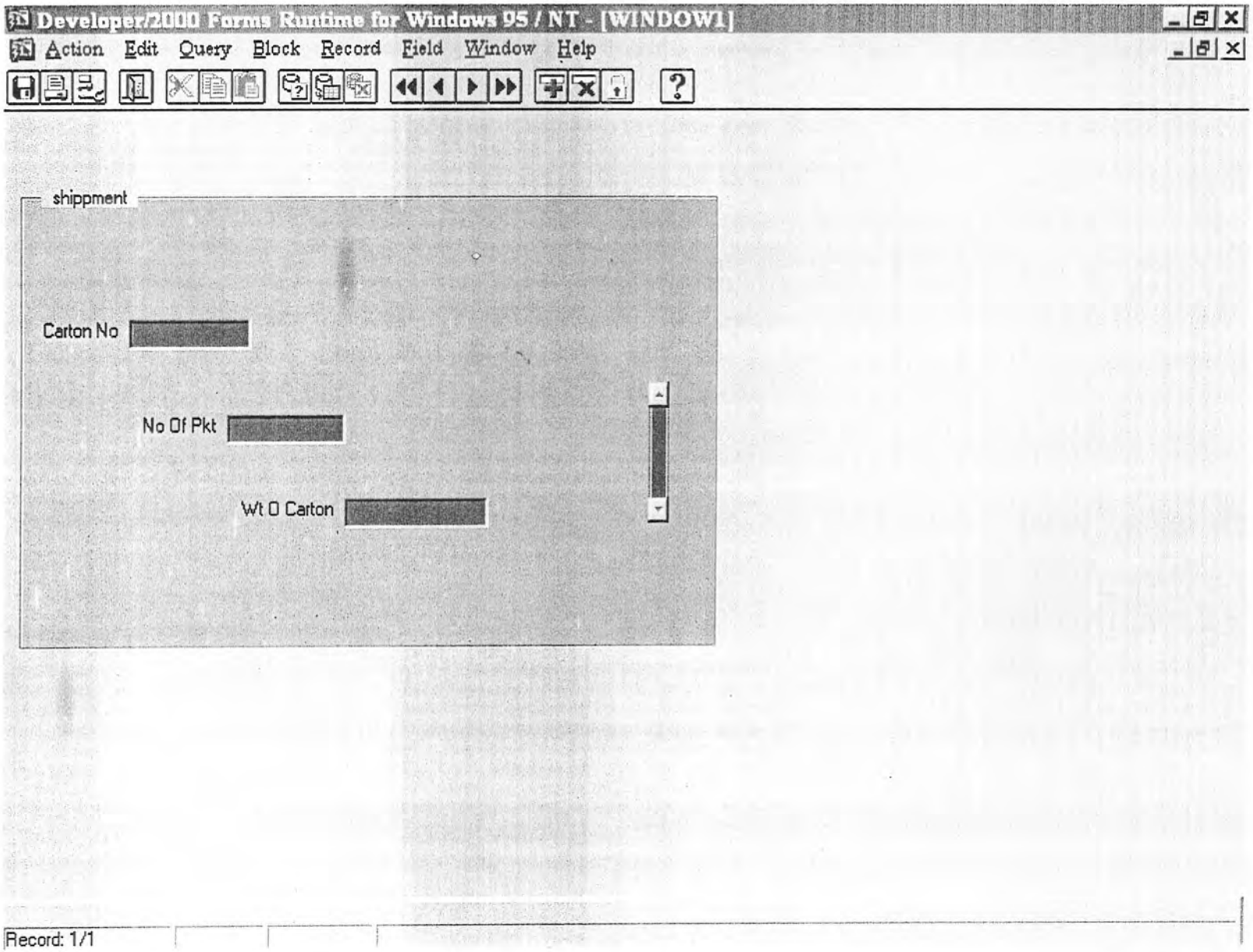

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
insurance
Ins No
Ins Amt
Ins Agency Id
Dt O Ins
Record: 1/1

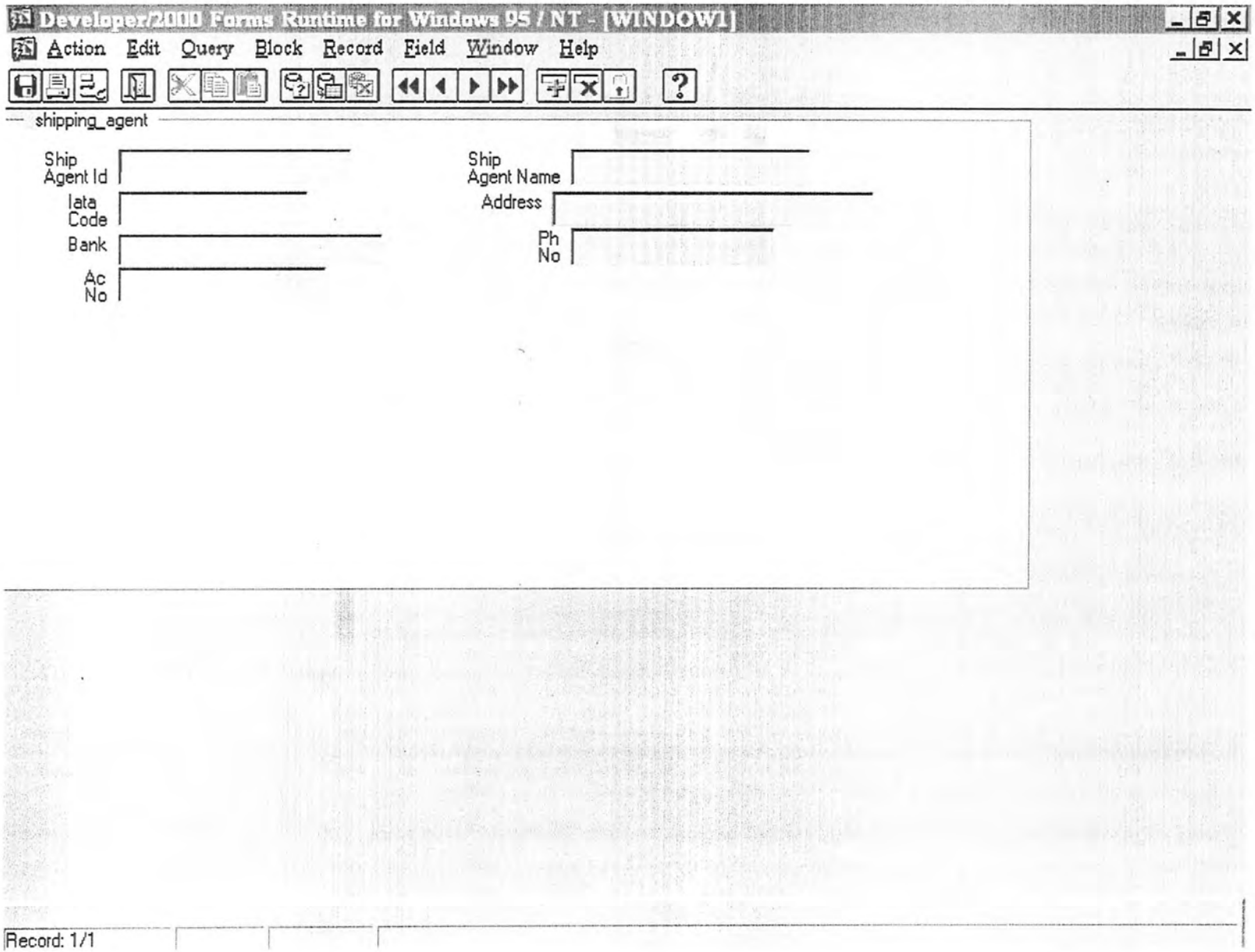

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
vendor_order
VenOrd No
VendorId
VenOrd Dt
SupplyDt
PId
Quantity
P UnitPrice
Checking
DirId
Record: 1/1

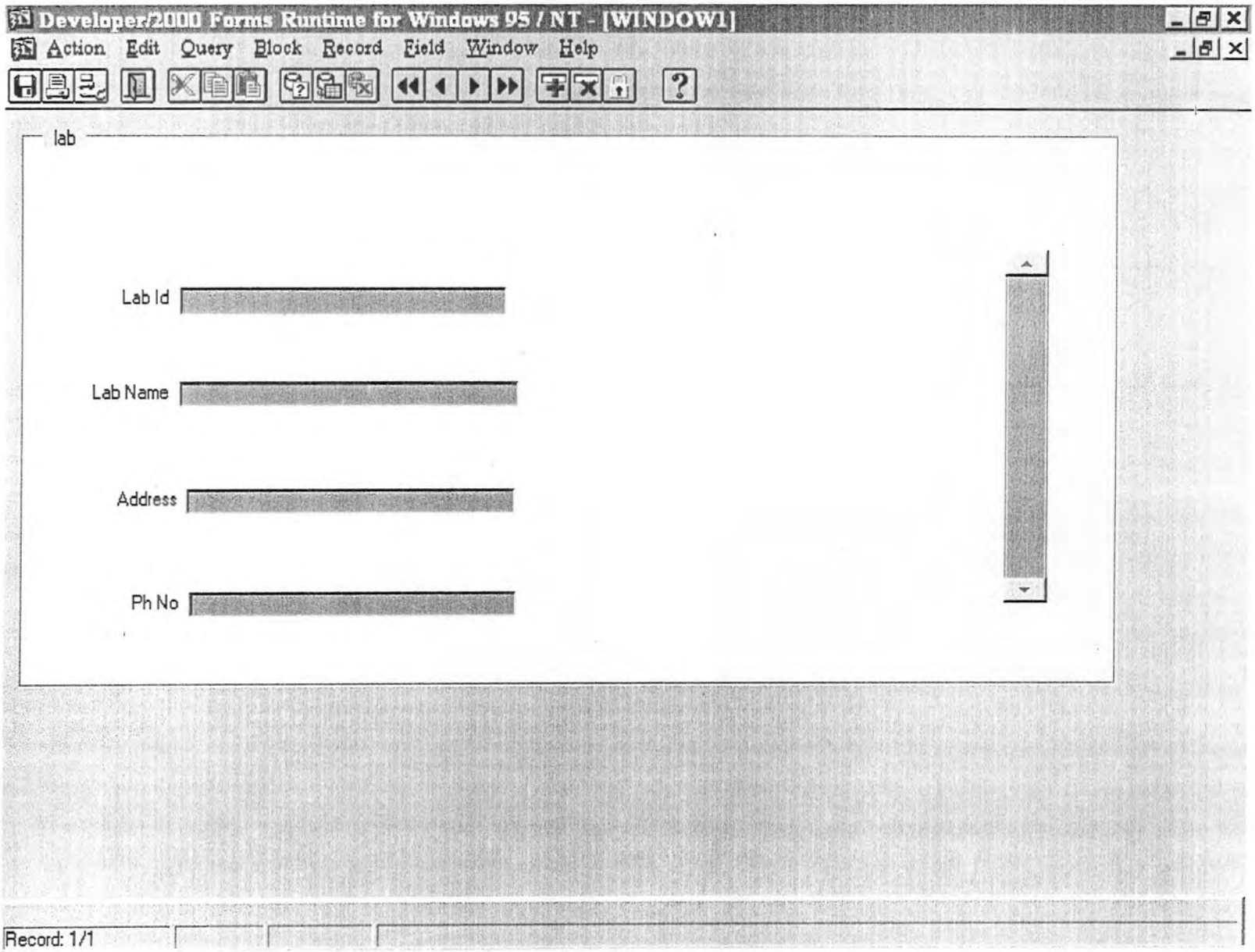

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
INVOICE_DETAIL
Invdtl Id
Invoice No
P Id
Expfwd Id
Record: 1/1

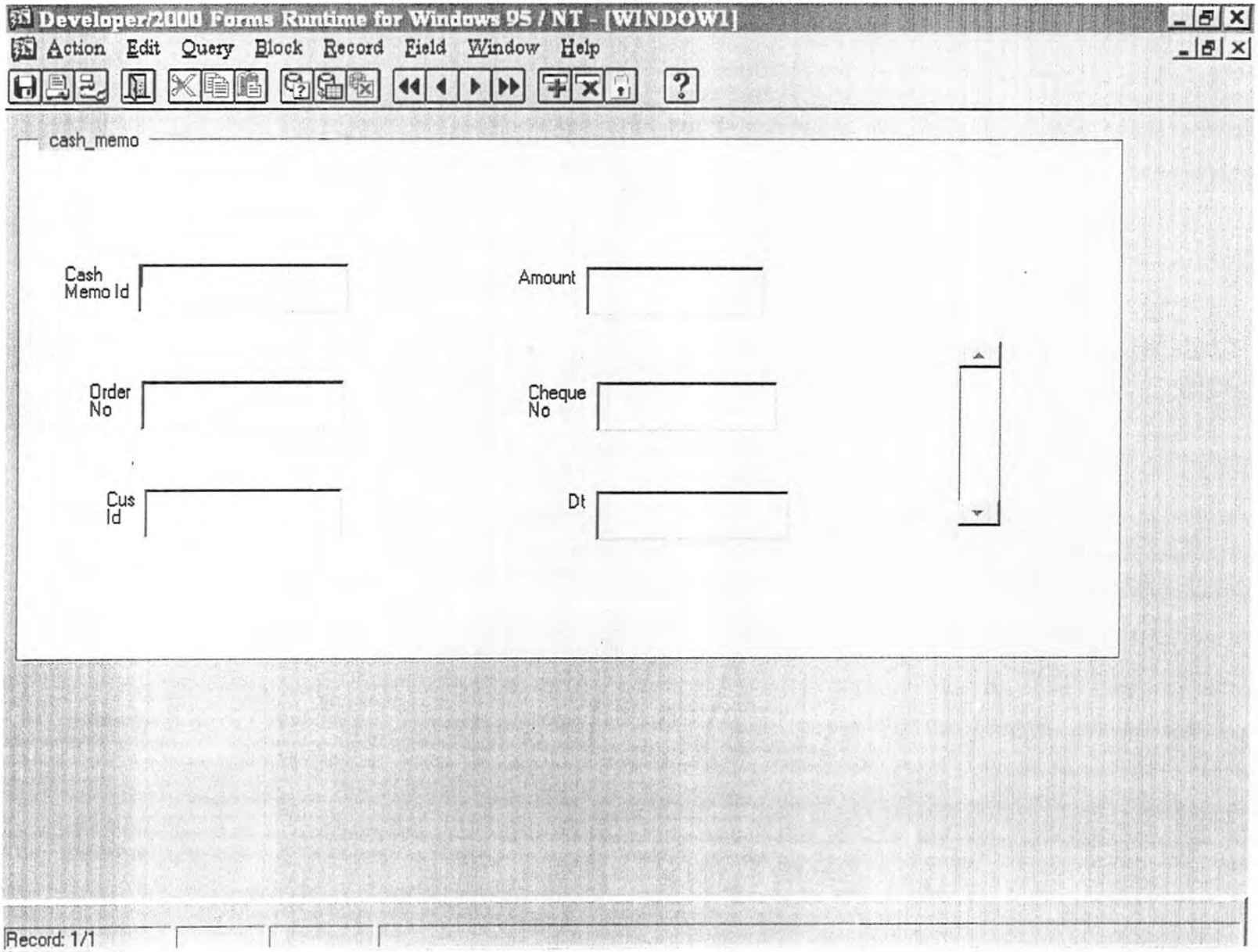

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
vendor
Vendor Id
Address
Vendor Name
Ph No
Record: 1/1

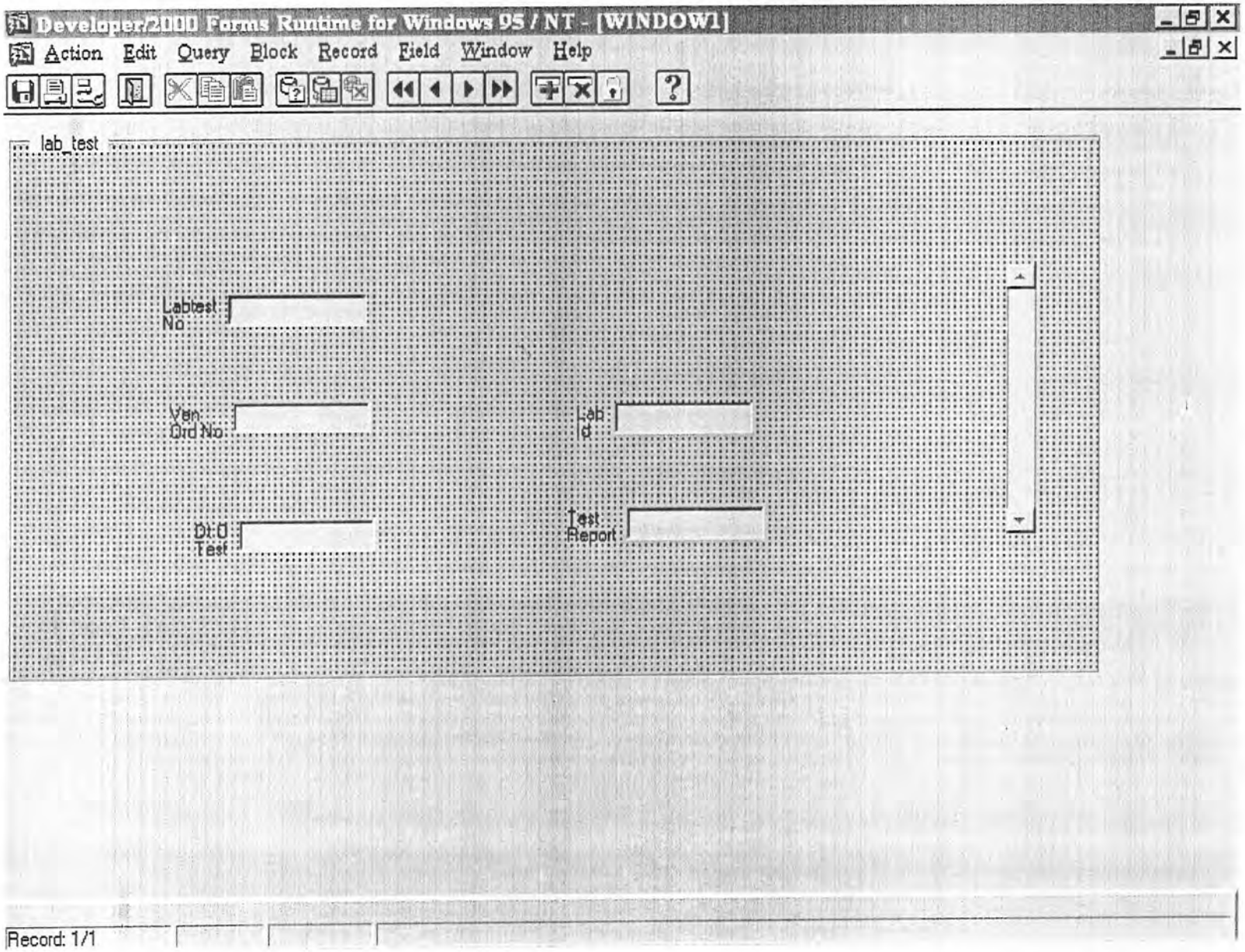

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
transaction
Trans Id
Particulars
Record: 1/1

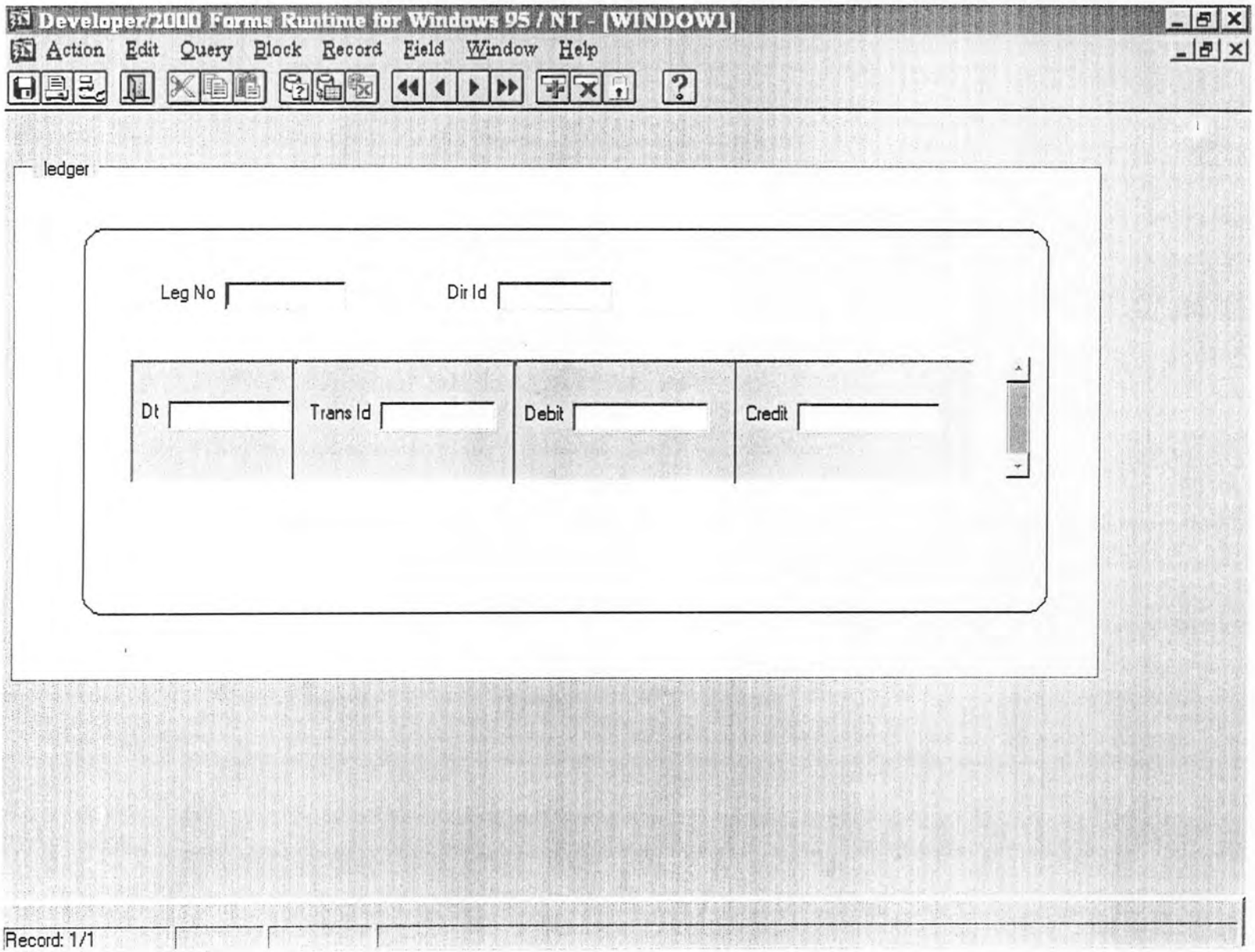

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
shippment
Carton No
No Of Pkt
Wt O Carton
Record: 1/1

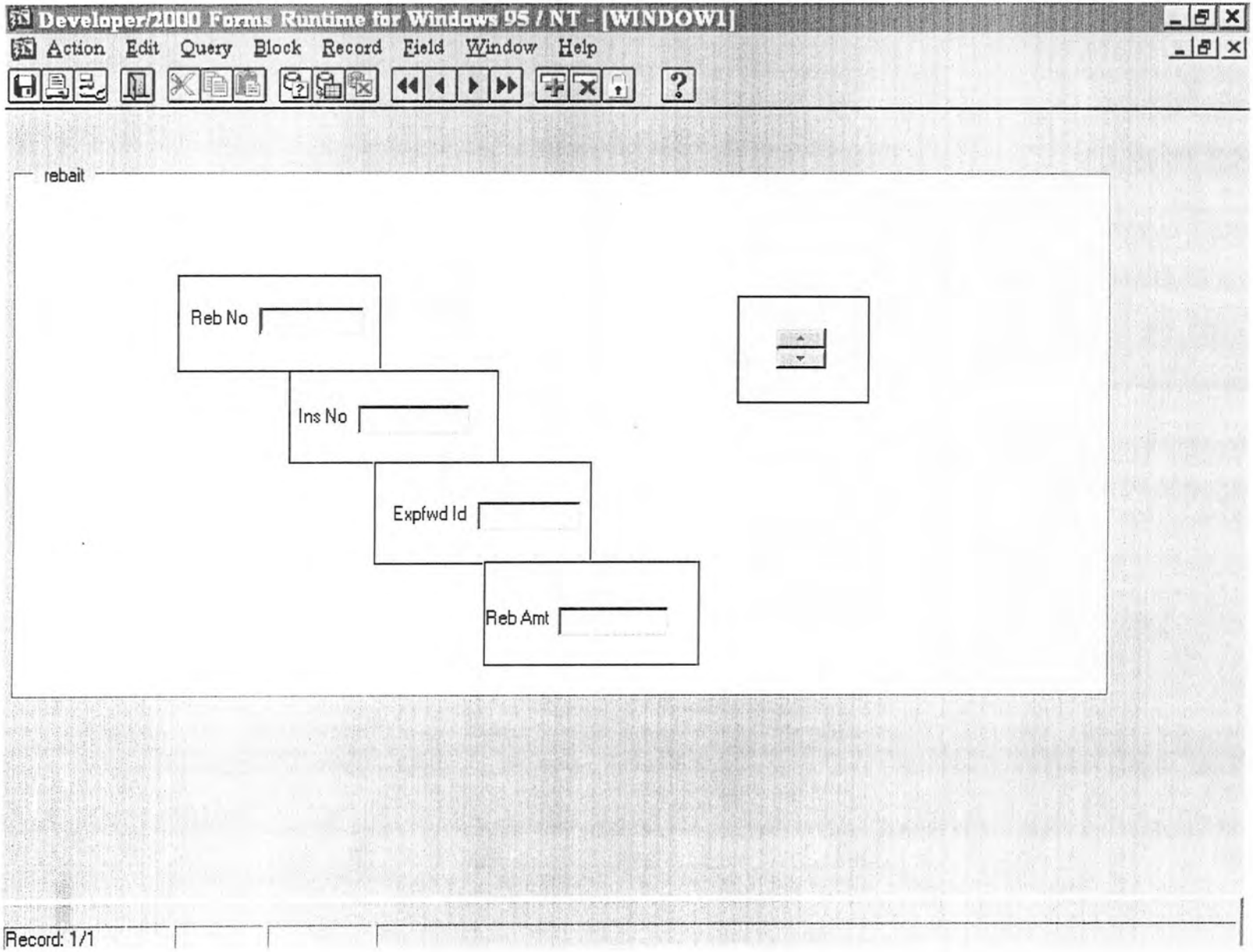

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
shipping_agent
Ship Agent Id
Iata Code
Bank
Ac No
Ship Agent Name
Address
Ph No
Record: 1/1

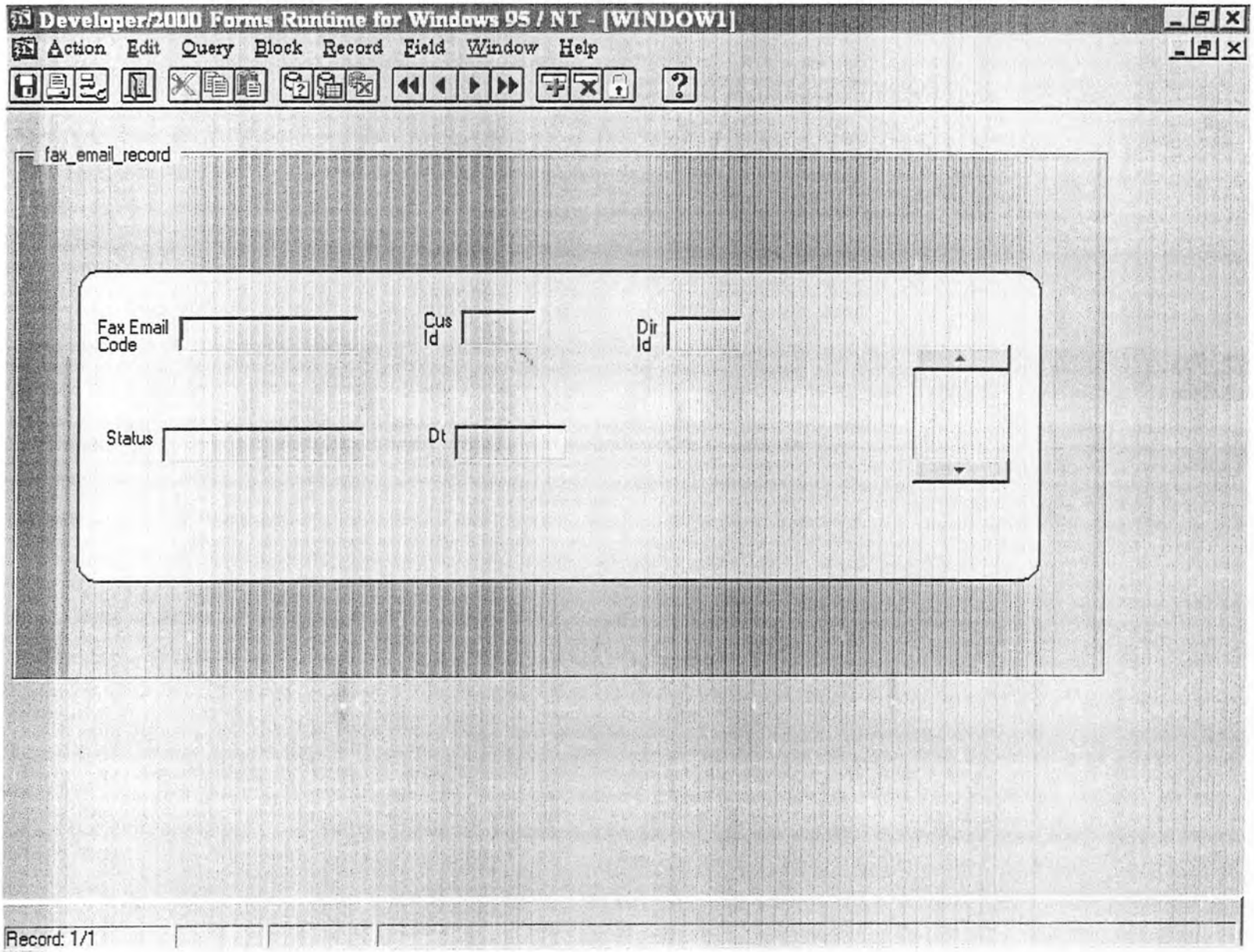

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
lab
Lab Id
Lab Name
Address
Ph No
Record: 1/1


Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
cash_memo
Cash Memo Id
Amount
Order No
Cheque No
Cus Id
Dt
Record: 1/1


Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
lab_test
Labtest No
Van Ord No:
Lab Id
Dt O Test
Test Report
Record: 1/1


Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
ledger
Leg No
Dir Id
Dt
Trans Id
Debit
Credit
Record: 1/1


Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
rebait
Reb No
Ins No
Expfwd Id
Reb Amt
Record: 1/1


Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
fax_email_record
Fax Email Code
Cus Id
Dir Id
Status
Dt
Record: 1/1

CHAPTER NO 8

CHAPTER 8

System Evaluation Conclusions and Recommendations

The objectives of system evaluation are to determine whether the desired objectives are accomplished or not. This is done by determine the merits and demerits of the purposed system. This is concerned with the detail study of developed system from implementation point of view. At the end some suggestions for the improvement of the system are coded.

The new system has number of advantages are the manual system as described below:

8.1 Efficiency:

The new system is time effective. As the old system is manual, it is time consuming to prepare all the documents and reports manually. Data entry is easier and much faster, because there is need to enter the lengthy name and address all the time while preparing the documents. This makes the new system much faster for insertion and deletion of data. This reduces any chance of error by the user.

8.2 Accuracy:

The new system gives a high degree of correctness and produces reliable results. The outputs are sufficiently precise for the desired purpose and there is no chance of entering wrong data because many consistency checks are provided.

8.3 Security & Integrity:

By security we mean the protection of data against unauthorized disclosure, alteration or distraction where as integrity involves insuring that the things they are trying to do are correct.

8.4 Modularity:

The system is divided in to number of modules integrated together to fulfill user requirements. These modules are independent of each other. Another advantage of modularity is the case of modification extension and enhancement of the developed system

8.5 Ease of Use

The developed system is menu driven and very easy to use for a user having even little knowledge of data processing on-line

help, proper error message and respective error message are provided to make the system user friendly.

8.6 Consistency:

Export system is helpful easy to use and menu driven. By utilizing the computer power following results have emerged.

- Since the system is very easy to use. Common user can enter necessary information, and prepare the required documents.
- Due to accuracy and high degree of precision the computer based system is reliable and helpful.
- Timely data collection and retrieval of data will be tedious if done manually these can be done efficiently without any error with computer-based system.
- All the possible queries and reports have been generated which are needs by the department.
- Any extension can be easily made in the system.

Hence all the objectives mentioned in the beginning of this project have been achieved successfully.

8.7 Conclusions and Recommendations

In the project work, a new organization of database has been discussed. This approach seams to be superior to classical organization for a large class of application.

1. The relational database shows better retrieval in a short possible time, which saves user's time and reduces the area allocated inside the disk. Keys and indexes play and important role. This is programming techniques how the whole game can be arranged logically. So far as my assignment is concerned, I have fully utilized the facilities of indexing.

As it is already defined that the objective of storage utilization is kept in mind all the time, so that maximum information can be stored in minimum space. No duplication occurs. To avoid the duplication, a proper way of normalization is adopted.

2. The prime objective of all computerized system is the cheep and cost benefited aspects; otherwise there will be no justification for computerization. My system is arranged and developed on the basis of same aspects.
3. Keeping in view all the dimension of usage, my level of confidence is that it works up to maximum satisfaction of user.

At no stage it need to be altered unless the existing policy is changed. This can said that this is a highly stable database.

4. The operation of this system is easy to learn and use, and required no programming skills. The keyboard commands are short and logically related. Normal functions occur by default. The updating and editing of files can be done with simple available commands. For each request and response by the user, there is some visible messages at the display that computer has perform the requested operation. If request is invalid, it is also informed to user within no time.

5. Graphic display provides an excellent media of communication between user and machine and between administrations. The departmental Administration has step-by-step control on the assistance from the computer.
6. The changes may be made in existing database files rapidly. This is perhaps a greatest benefit of conversational graphic system.
7. At present it is an open and password free system. Every one is authorized to use it or to change it from anywhere. But after certain period, when it will be practically implemented, it will

go under proper protection system. No person can allow starting the system unless he is authorized according to his status and nature of responsibility.

8. At present, the computer environment of chemistry department works with stand-alone system. All jobs and research applications work on personal computers. But at later stage, possibility is there that the present setup will be replaced with networking environment. Then the present system will need to be updated accordingly. But by system will work equally well because I have already put additional facilities to work under networking environment.

Although an attempt has been made to computerize different aspects of Inventory Control System, but still there is lot of room for the improvement of the computerized system.

CHAPTER NO 9

CHAPTER NO 9

USER GUIDE

INTRODUCTION

The use guide is provided so that user becomes familiar with the new system more easily and quickly. This chapter will provide a comprehensive understanding to operate the new computerize Export System developed for **Seasoned Surgical Abbot Road Sialkot**

Since the system operates in the multi user environment so it requires the service of DBA to perform certain tasks such that creating new user, giving them privileges, keeping back up of data etc.

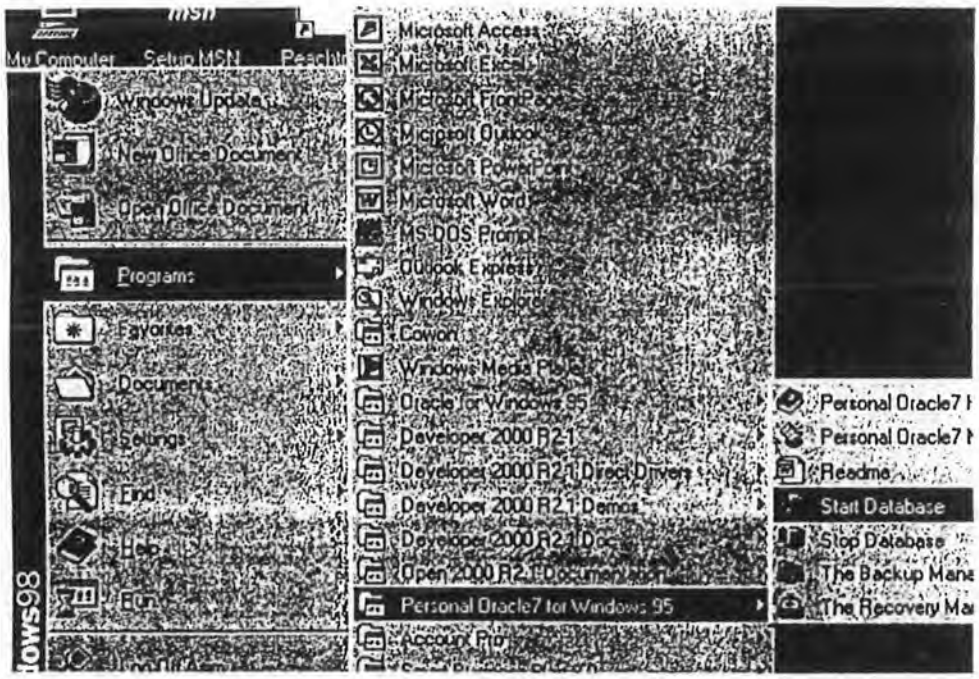
The first and foremost step to the implementation of the newly designed system is installation of windows/98 or a higher version. The second step is the installation of ORACLE 7, which mainly deals with the database. To represent the data in the user friendly environment the tool used in DEVELOPER2000 (R2.1) and this software might be installed

along with the ORACLE. The ORACLE functions at the back aend where as the DEVELOPER2000 functions at the front end.

After the installation of ORACLE and the DEVELOPER2000, the database administrator will create users identified by their repercussive passwords.

GETTING START

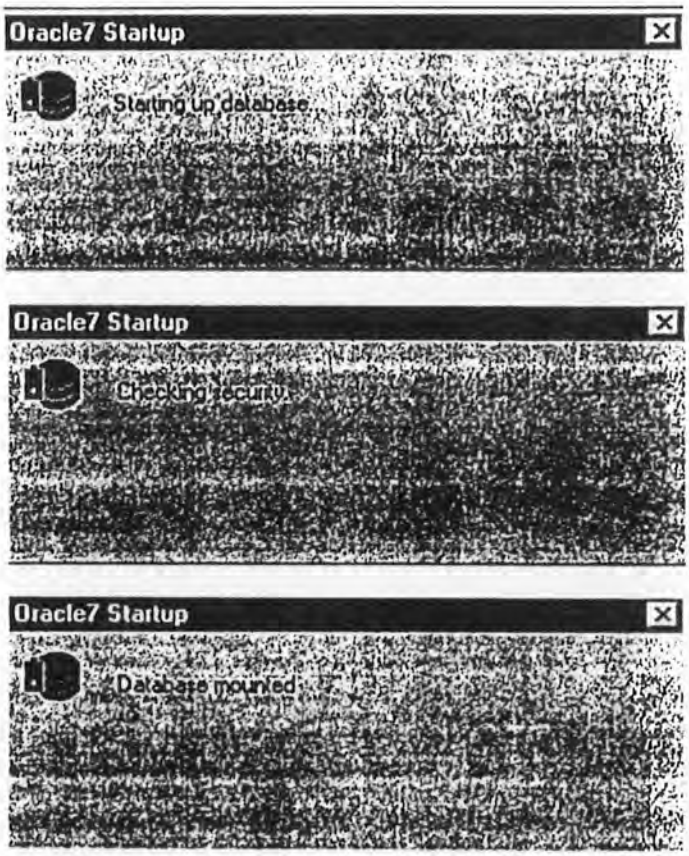
Before starting working with the front end the user might start the database engine. The database engine is mounted by the adopting the processs as show in the fig below.



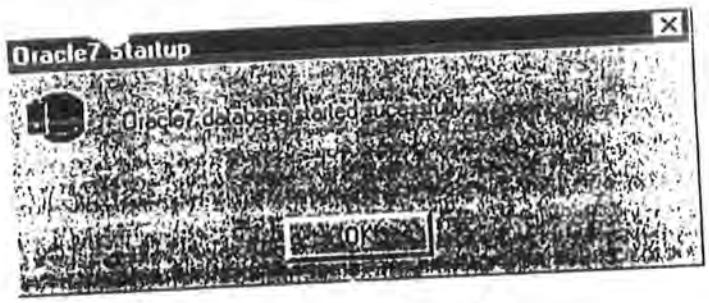
STARTING DATABASE

On clicking this point following messages will appear one by one which tell about the starting of data

Finally a message box will appear shown as under which shows that database has been started successfully.



Finally a message box will appear shown as under which shows that database has been started successfully



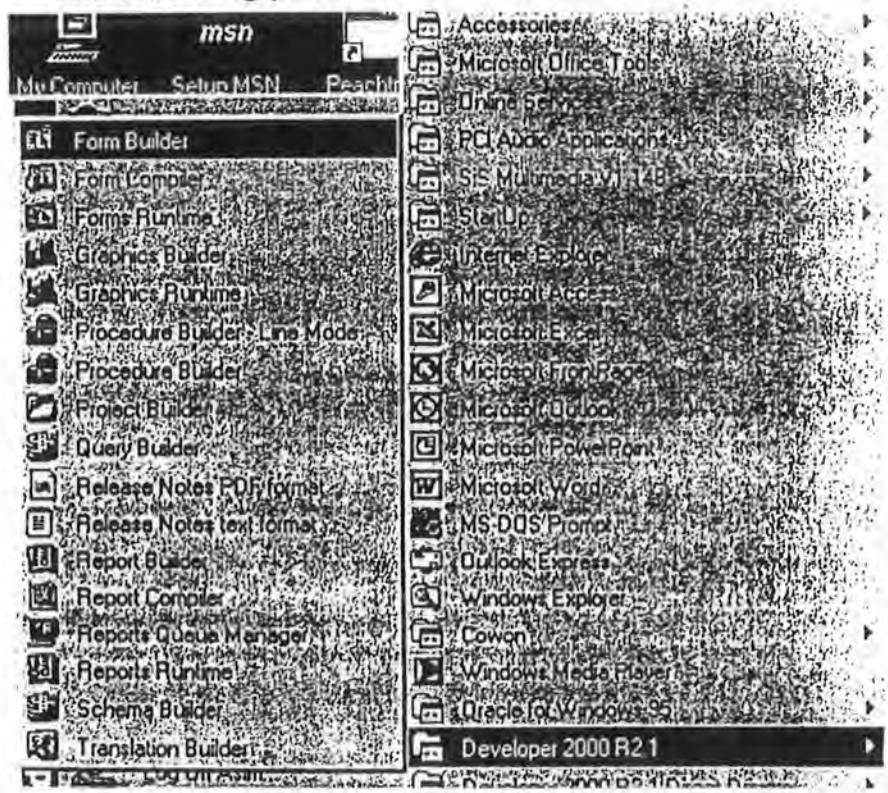
Press OK to clear this box.

OPENING DEVELOPER\2000

Now in order to open the DEVELOPER\2000

FORMS/5.0

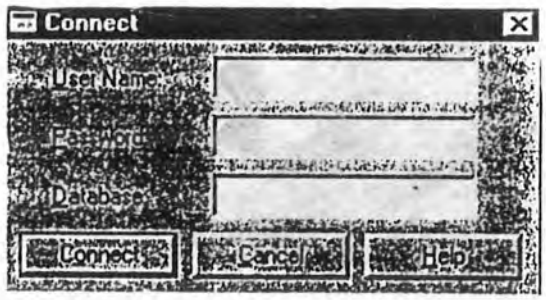
The following path should be followed.



The form builder will start functioning and then user can use the form builder.

SECURITY

Before getting started with the front end the user should enter the user name and password from the security purpose of the database.



IMPORTANT CONSIDERATIONS

The user must know the following terminologies and their functionality:

CONSOLE

Console is the general name for the standard features that provide essential user information at run time. It appears at the

bottom of the screen. Console includes the status line and the message line.

- **STATUS LINE**

The status line is the console component that indicates the verity of indicators to reflect the current sate of form module. The indicators along with their meanings are described below:

INDICATOR	MEANING
Count	The number of records retrieved and displayed by the query
*	The last record have been retrieved
^	There are records above the current one
v	Records bellow the current one
Enter Query	The current record is in the enter query mode and no record has been retrieved
<List>	The list of values (LOV) is associated with the current item

- **MESSAGE LINE**

The message line is the console component that displays the Oracle Forms and application specific messages. For example, different error message and additional help may be displayed when ever needed.

DEFAULT MENU

The default menu is the menu which is automatically used by all Oracle Forms applications. It provides an alternative method to use those key stroke operations. The default menu can be customized to introduce your own functionality

LIST OF VALUES (LOV'S)

During date entry, often a user has to enter data, which already exist in some other table. Oracle provides a method via which list of values for a column can be provided. The method is called list of values of LOV. A list of window is an object which opens up a separate window displaying the values from one or more tables when the user clicks on the appropriate key sequence.

FORMS WITH LOV'S

All the forms containing lov's will display the lov's when we are going enter any value in the variable on which lov's are designed.

TOOL BAR

Tool bar is present on every form and has the following buttons. The tool bar is shown in the figure.

FUNCTIONALITY

The first button in the tool bar is used to save the new records or any other changes made in the records.

To adjust the print setup for the print out to be taken, user can use the print set up button in the tool bar to get different print page settings.

To give the print command to get the print of the current form or canvas, the user just need to click on the print command button in the tool bar.

To exit from the current form the exit button is also provided in the tool bar and user can exit the from just by a single mouse click on exit button.

To cut any value from any where in the form, user can select a particular item and then click on the cut button i.e. fifth button to get the resulting effect.

To copy some particular thing on the form a copy button is also provided in the tool bar and any selected item can be copied by clicking on the copy button.

To paste some copied thing anywhere on the form a paste button is also provide in the tool bar and the copied thing will be copied just by clicking on the past button.

To enter a query on some specific field the user need to click on the enter query button.

To remove the current record, user should click on the remove button.

To add or to retrieve the record the move buttons are available on the bar.

To add the currently entered record in the database, add button is used.

To get help about the properties of selected items, help button is used.

ALERTS.

An alert is displayed as a model window. It gives information to the user that requires a response before processing can continue either an acknowledgement or an answer to a question.

One more than one message is waiting to show on the message line, the current message also appears as an alert. In addition to the system alerts,different self designed alerts can be displayed on the screen to take response from the user before processing.

RECORD MAINPULATION

Four general operations can be performed on the record, namely, insertion, retrieval, modification and deletion. The basic condition for these operations to perform is that the form on which the operation is to be performed must be displayed on the screen.

INSERTION.

The record can be inserted in the database table by adopting the following procedure;

Form <record> menu, click on <Insert>. The form will appear blank. This can also be done by clicking the <clear> button on the form.

Press <save> button to save it in the work space.

To insert the more records, repeat the above steps.

Click on the <exit> button to return on the main menu.

RETRIEVAL;

To retrieve the record;

Click on <Query> button.

If the key value for required record is entered, then the particular record will be displayed, otherwise first record will be displayed. Keep on pressing <Next> key to scroll the records until the desired record is retrieved. Click on the <Exit> button to go back on the main menu.

MODI FICATION

Repeat first two steps of retrieval operation,

Enter new data in the displayed editing fields, where values are to be modified. Press <Save> button to save the changes in the database.

DELETION

Repeat first two steps of retrieval program.

Click on the <Remove> in the <Record> menu. The desired record will be deleted. Click the <Save> button to save the modification. Other records can be deleted by adopting the same procedure.

IMPLEMENTING THE SECURITY

Any computerized database system should be sure enough to be accessed by authorized persons. Database administrator (DBA) implements such securities. One of the duties of the DBA is to provide access to the computer system to users to use the Oracle database. For that, one must have access to the computer and the operating system through an identification and

password to ensure valid access to the oracle database that are valid for the underlying database

Oracle DBA can create new users with different privileges assigned to them according to their status. Each user has his own domain of privileges and operations that h\she can perform. All this handled by DBA. Hence the security is promptly implemented by DBA.

PRECAUTIONS

Before switching off the computer, the oracle database engine, working at the back end, should be properly shutdown i.e. the Oracle database should be dismounted by selecting.

Start>>program>>personal oracle for win95>>stop database

FUNCTION KEYS

FUNCTION	KEY	FUNCTION	KEYS
ACCEPT/COMMIT.	F 4	INSERT/REPLACE	CTRL A
EXIT	F 12	LIST	HOME
CLEAR BLOCK	F 7		CTRL F
CLEAR FIELD	F 5	MENU	F2
CLEAR FORM	F 8		CTRL G
CLEAR RECORD	F 6		CTRL N
COUNT QUERY HINTS	ESC F 7	NEXT BLOCK	PgDN
DELETE CHARACTER	CTRL D	RETURN	ENTER
DELETE LINE	ESC BACKSPACE	NEXT FIELD	TAB
DELTE RECORD	DELETE	NEXT RECORD	ESC PgDN
DISPLAY ERROR	ESC F 3	PASTE	ESC INSERT
DUPLICATE FIELD	ESC ESC F 11	PREVIOUS FIELD	ESC ENTER
DUPLICATE RECORD	ESC ESC F 12		ESC TAB
EDIT	ESC F 6	PRIVIOS RECORD	ESC PgUP
END OF LINE	ESC ESC RIGHT	PRINT	CTRL P
LAST LINE	ESC ESC DOWN	REFRESH	CTRL R
ENTER QUERY	F 11	RIGHT	RIGHT
EXECUTE QUERY	ESC F11	SELECT	END
CANCEL QUERY	F 12		CTRL V
HELP	F 3	SHOW KEY	CTRL K
	CTRL W	CLEAR END OF	ESC ESC DELETE
INSERT RECORD	INSERT	LINE	

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Oracle A beginner's Guide

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California U.S.A.

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Oracle The Complete Reference

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PL/SQL®

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SQL *ReportWriter®

Building Report With SQL *ReportWriter Version 1.1

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SQL *ReportWriter®

Reference Manual Version 1.1.

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SQL *Menu®

User's Guide And Reference Version 5.0

Oracle Corporation

Oracle 7™ Server for UNIX

Administrator's Reference Version 7

Oracle 7 ™ Server

Application Developer Guide Version 7

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