

**A
PROJECT REPORT
ON
Paint Shop Management**

(Windows Application)

SUBMITTED

TO



BHARATI VIDYAPEETH PUNE

IN THE PARTIAL FULFILLMENT OF

BACHELOR OF COMPUTER APPLICATIONS

SEMESTER-VI (2021 - 22)

BY

Ms. Harsha Harkut

Mr. Adil Patel

Mr. Athar Patel

UNDER THE GUIDANCE OF

Prof D. D. Mhetre.

THROUGH

DIRECTOR

BHARATI VIDYAPEETH, PUNE

ABHIJIT KADAM INSTITUTE OF MANAGEMENT AND

SOCIAL SCIENCES, SOLAPUR



BHARATI VIDYAPEETH
DEEMED UNIVERSITY, PUNE (INDIA)
ABHIJIT KADAM INSTITUTE OF MANAGEMENT AND SOCIAL SCIENCES,
SOLAPUR
Vijapur Road, Jule Solapur, Solapur – 413 004
<http://akim.bharativedyapeeth.edu>
0217 – 2302016/2341353 e-mail: akim@bharativedyapeeth.edu

	Name of the Student / PRN	Ms. Harsha Harkut PRN:- 1923100277 Mr. Adil Patel PRN:- 1923100268 Mr. Athar Patel PRN:- 1923100322
	Batch	2021-22
	Subject No. & Name	Major Project
	Name of Project Guide	Prof. D. D. Mhetre.
	Project Title	Paint Shop Management
	Project Duration	3 Months



BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY, PUNE

ABHIJIT KADAM INSTITUTE OF MANAGEMENT AND SOCIAL SCIENCES, SOLAPUR

C E R T I F I C A T E

This is to certify that **Ms. Harsha Harkut, Mr. Adil Patel, Mr. Athar Patel** having Exam Seat No. _____ is bonafide student of this Institute studying in **BCA SEM–VI (2021-22)** have completed the project report entitled **“Paint Shop Management”** for the partial fulfillment of the requirement of **B.C.A.** submitted to **BHARATI VIDYAPEETH UNIVERSITY, PUNE**. He has carried out the work satisfactory.

Place: Solapur

Date:

Dr. S. B. Sawant

Director

**Abhijit Kadam Institute of Management
and Social Sciences, Solapur**



BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY, PUNE

ABHIJIT KADAM INSTITUTE OF MANAGEMENT AND SOCIAL SCIENCES, SOLAPUR

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Place: Solapur

Date:

Dr. A. B. Nadaf

HOD, Department of Computer Application



BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY, PUNE

ABHIJIT KADAM INSTITUTE OF MANAGEMENT AND SOCIAL SCIENCES, SOLAPUR

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He has carried out the work satisfactory.

Place: Solapur

Date:

Prof. D. D. Mhetre

Project Guide (Internal)

External Examiner

DECLARATION

To,

The Director,

Bharati Vidyapeeth University,

Abhijit Kadam Institute of Management

And Social Sciences, Solapur – 413004

Respected Sir,

I undersigned hereby declare that the project report entitled “**Paint Shop Management**” written and submitted under the guidance of **Prof. D.D. Mhetre**, it’s my original work. The empirical findings in this project are based on the data collected by myself while preparing this project. I have not copied from any other project report.

I understood that, any such copying is liable to be punished in a way the University authorities may deem fit.

Place: Solapur

Date:

Ms. Harsha Harkut

Mr. Adil Patel

Mr. Athar Patel

ACKNOWLEDGEMENT

The happiness of anything depends on what we give more than what we get. I would like to give the words of thanks, but the words are not enough to express my deep sense of gratitude to many persons who spread their time and efforts during the course of study work without their whole hearted assistance and co-operation the project won't be successful

I would like to give special thanks to our **Director Dr. S.B. Sawant** for giving an opportunity to complete my project.

I got the opportunity to express my sincere thanks to project guide **Prof. D.D. Mhetre** for their valuable guidance and contribution in preparing the project.

I am especially thankful to **Dr. A.B Nadaf** for his valuable guidance and contribution in preparing the project.

I also, thank to my classmates everyone of my family and all the people who helped me directly and indirectly to complete this project.

Ms.Harsha Harkut

Mr. Adil Patel

Mr. Athar Patel

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INTRODUCTION

1.1) Existing System

In today's dynamic and highly competitive market place, proposed system will help to maintain details in well-formed structure. In existing system all work done manually. Records are maintained using registers, but at present, computers are becoming part of every activity in organization. The more common and obvious application are business applications.

Report wizard files there for well-structured reports are generated. The project entitled with **“Paint Shop Management”** is developed for solving different real life problem. One of the common Real Life Problem is to Store and maintain Records and the other is to find out the Records. So with the time, the system must also fit into a competitive environment and must be very easy to use. Above all, the main goal of computer based information system is to speed up the processing. And that is the reason why the new system was proposed.

- ❖ The operation of Paint Shop Management is now maintained in the manual system.
- ❖ The operation is tedious, time consuming and space consuming.
- ❖ It creates room of errors as the date is entered manually by the person.
- ❖ It includes the risk of the documents being lost over years and maintenance of the records is difficult.
- ❖ The data recorded during testing or while acquiring the details of different aspects of Paint Shop Management is not accurate and precise.
- ❖ Maintaining the stock of different items and the daily transactions without computerization also poses a challenge.

1.2) Proposed System:

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

This system is interactive and user-friendly Desktop application. The application is developed using Microsoft Visual Studio 13 as a front end and MS SQL Server as a back end to accommodate all the future of GUI technology such as Text Box, Combo Box Buttons which will be multi user system.

In today's dynamic and highly competitive marketplace, this system will help to achieve productivity, profitability, and growth.

- ❖ Security of data.
- ❖ Ensure data accuracy's.
- ❖ Minimize manual data entry.
- ❖ Minimum time needed for the various processing.
- ❖ Greater efficiency.
- ❖ Better service.
- ❖ User friendliness and interactive.
- ❖ Minimum time required.

1.3) Scope of Project:

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Paint Shop Management. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly. Our project aims at Business process automation, i.e. we have tried to computerize various processes of Billing System

- ❖ In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- ❖ In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- ❖ To assist the staff in capturing the effort spent on their respective working areas.
- ❖ To utilize resources in an efficient manner by increasing their productivity through automation.
- ❖ The system generates types of information that can be used for various purposes.

- ❖ It satisfy the user requirement
- ❖ Be easy to understand by the user and operator
- ❖ Be easy to operate
- ❖ Have a good user interface
- ❖ Be expandable.

OBJECTIVE OF THE PROJECT

The main objective of the Project on Paint Shop Management is to manage the details of Customer's Registration, Product's Registration, Receipt, and act. It manages all the information about Paint Shop. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Records, Registration, and Receipt. It tracks all the details about the Customer, Products, and stock details of products. Existing user has many problems while doing manually operations. This system is user friendly because proper system messages are displayed when any error comes.

- ❖ User needs to be registration before any operations.
- ❖ User must have validate information.
- ❖ Paint Shop also manage the Record details for Product Stock.
- ❖ It tracks all the information of Customers, Products, Suppliers, etc.
- ❖ Manage the information of Different Paints and accessories.
- ❖ Shows the information and description of the Products and Customer.
- ❖ To increase efficiency of managing the Records of Customers and Products.
- ❖ Manage the information of Paint Shop.
- ❖ Deleting, Adding new records and updating existing Records, etc. are the features which results in proper resource management of Paint Shop.
- ❖ Report Generation.
- ❖ Faster response.

FEASIBILITY STUDY

Introduction:

The preliminary investigation tells us whether the system that we are developing is practical or not. The feasibility study helps in that matter. Feasibility study is a very important stage in the system development. It helps to obtain an overview of the problem and to get rough assessment of whether feasible solutions exist. It can define problems, objectives involved in the project.

1. Technical Feasibility:

Technical feasibility is carried out to know whether the new system can be done with present equipment, existing software technology. All the present technologies, whether those are sufficient or not to develop new system is decided. Ideally, the system should be compatible with the available Hardware and Software, or should work with very little up-gradation, to be considered as a feasible system.

2. Economic Feasibility: -

It is related to cost analysis. In the proposed system, there is no need to buy additional hardware or software. Banks only need to store documents and quick search out that Document which they want to see. Manager need to update the Progress Report of documents.

3. Operational Feasibility:

Operational feasibility is carried out to see the effects after the system is implemented. This web site development system is very user friendly so user. Also provide easy and fast access to their reports

Project Work Plan

Schedule

Task	To be completed by
Submission of Synopsis	February 18, 2022
Approval of Synopsis	February 25, 2022
Project Initiation	March 2, 2022
Requirement Gathering and Analysis	March 9, 2022
System Design	March 15, 2022
Coding & Testing	March 22, 2022
Documentation	May 10, 2022
Submission of Project Report	May 18, 2022

Detailed Description of the Work Completed

Requirement Engineering

Following are the provided requirements.

1. Error Reduction
2. Saves Money
3. Saves Time
4. Increases Shop Performance
5. Security

Technical Environment

Software Requirements

Type	Description
Front End Technologies	Microsoft Visual Studio 2013
Operating System	Windows
Database	Microsoft SQL Server 2012

Hardware Requirements

Type	Description
Processor	Dual Core Processor and above
RAM	2 GB (Minimum)
Storage	50 GB Free Space

Methodology used

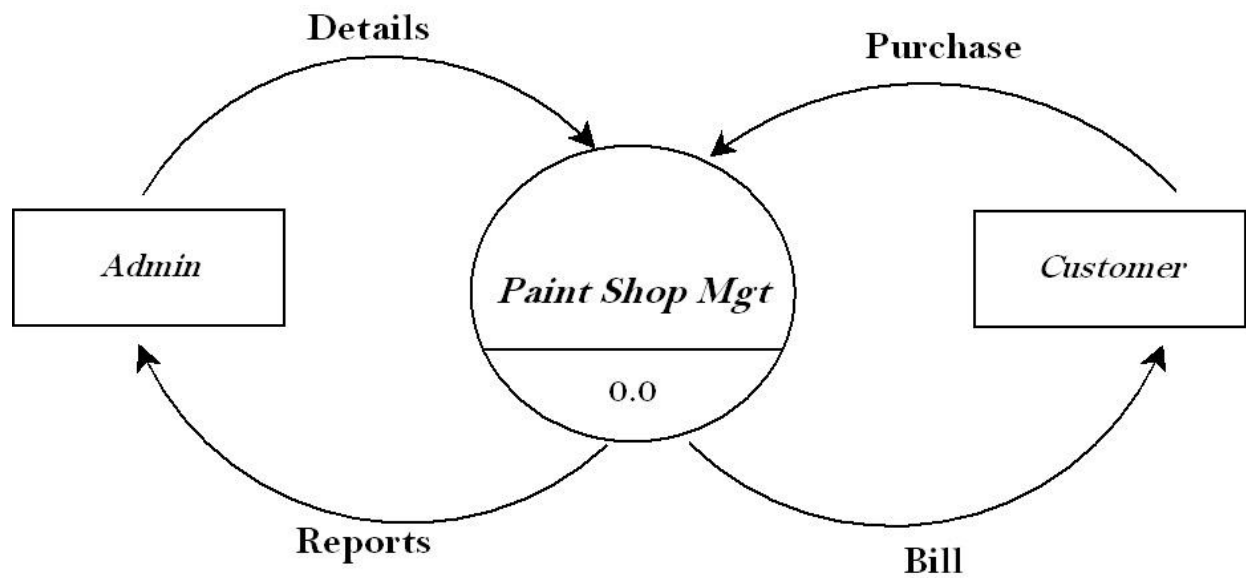
- Understanding the need of customer and shop owner.
- Drafting the Software Requirement Specification document.
- Designing the required documents such as ERD, DFD.
- Designing tables layouts.
- Developing the system, Testing & Maintenance.

Based on point's selection, we have adopted Waterfall method.

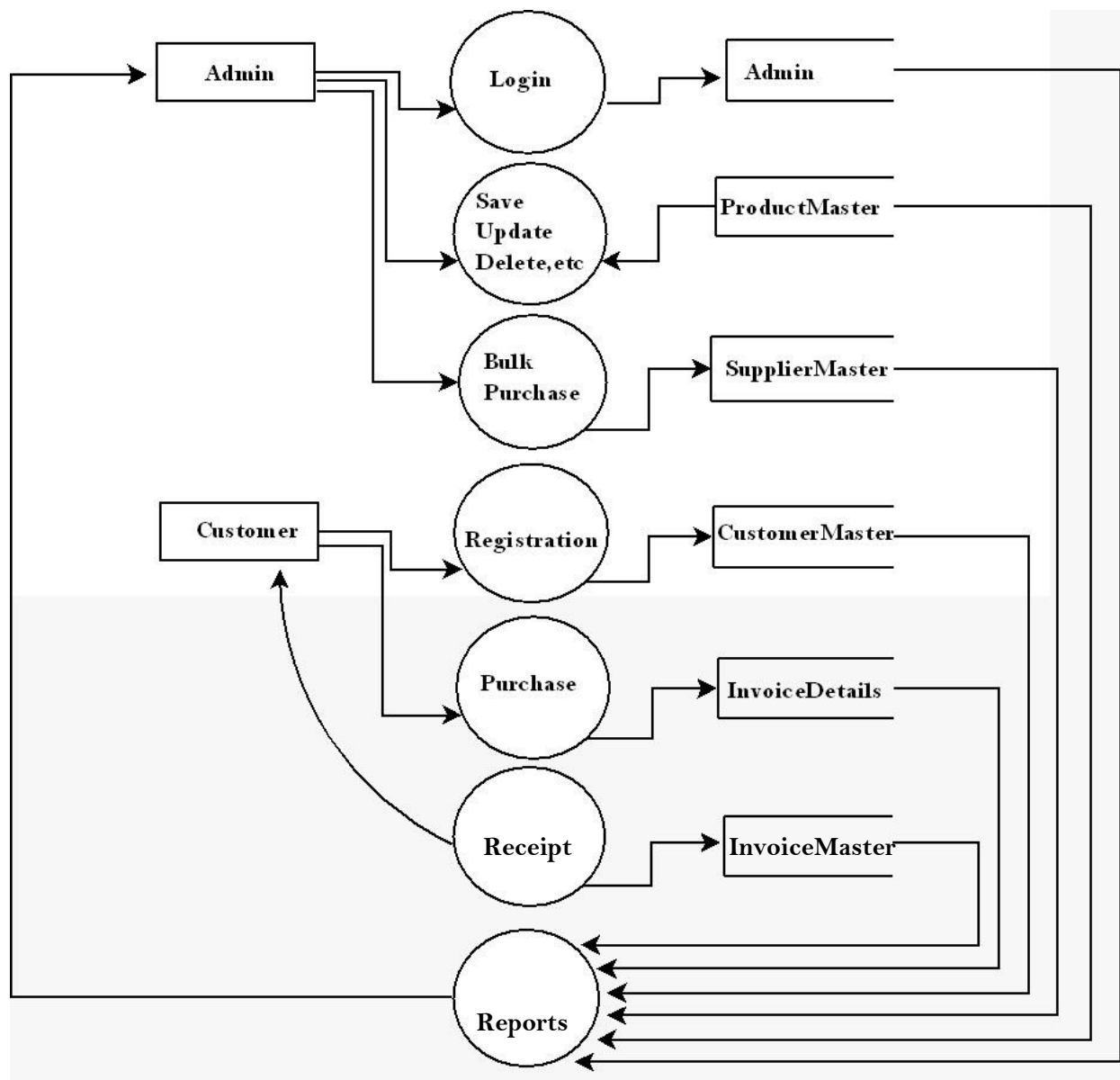
Functional Requirements

Module	Functionality	Requirement ID	Details
Access Control	User Authentication & Authorization	AC01	Login to the system
Masters Management		MM01	Manage Customer data
		MM02	Manage Company Wise Product data
		MM03	Manage Product data
		MM04	Manage Supplier data
Report Generation		RG01	Display Customer Report
		RG02	Display Product Report
		RG03	Display Invoice Report

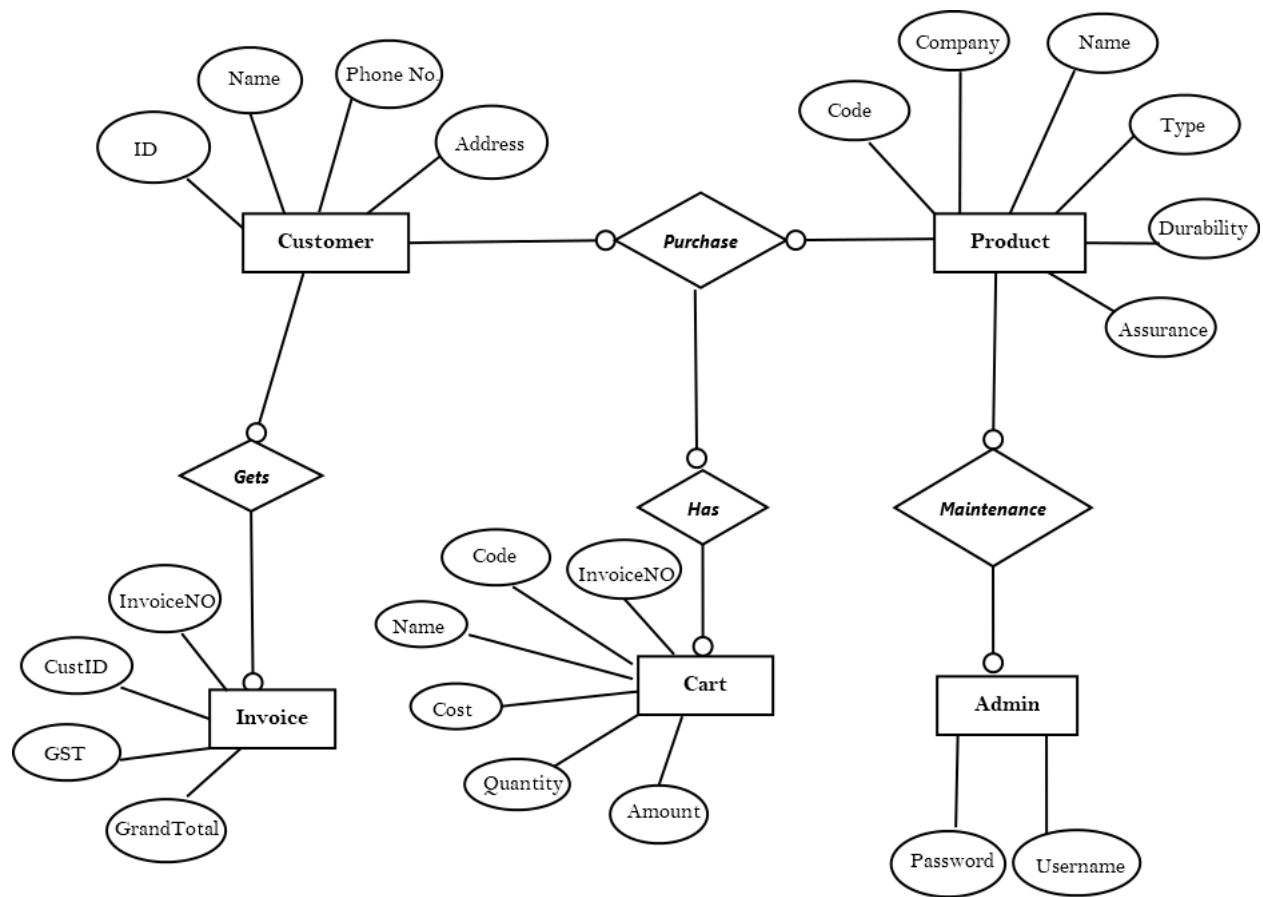
DFD



Zero Level Data Flow Diagram



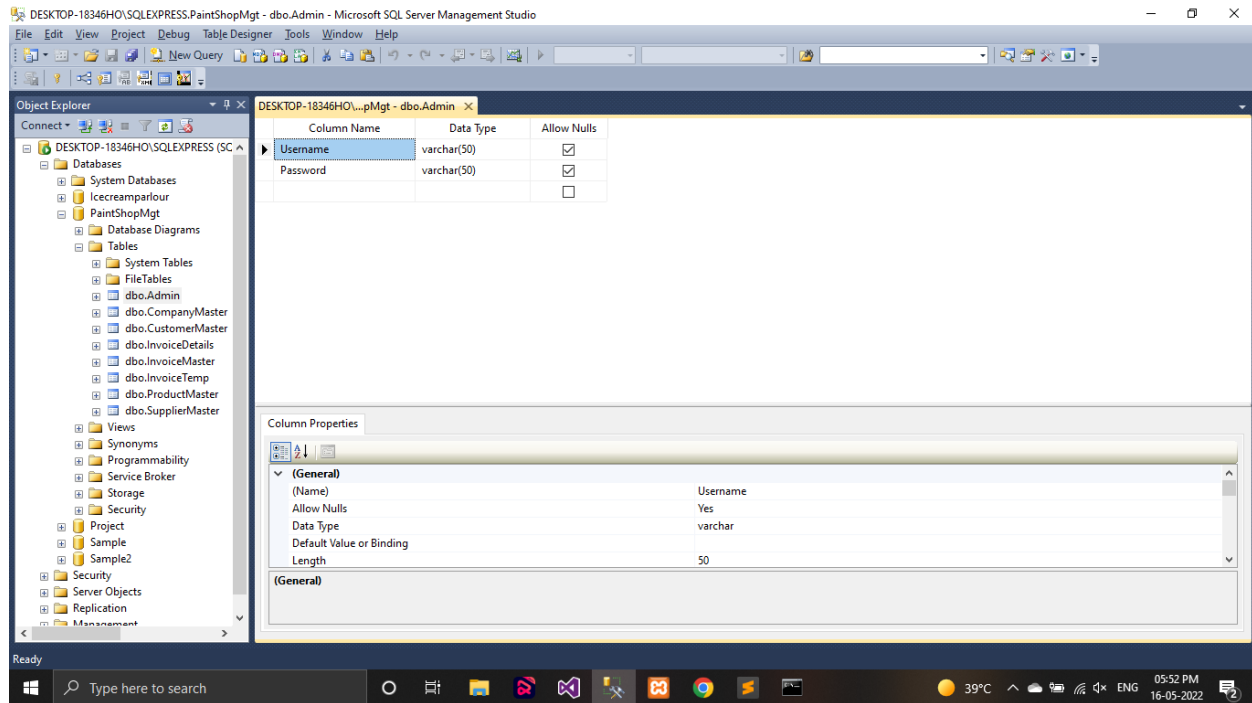
First level Data Flow Diagram



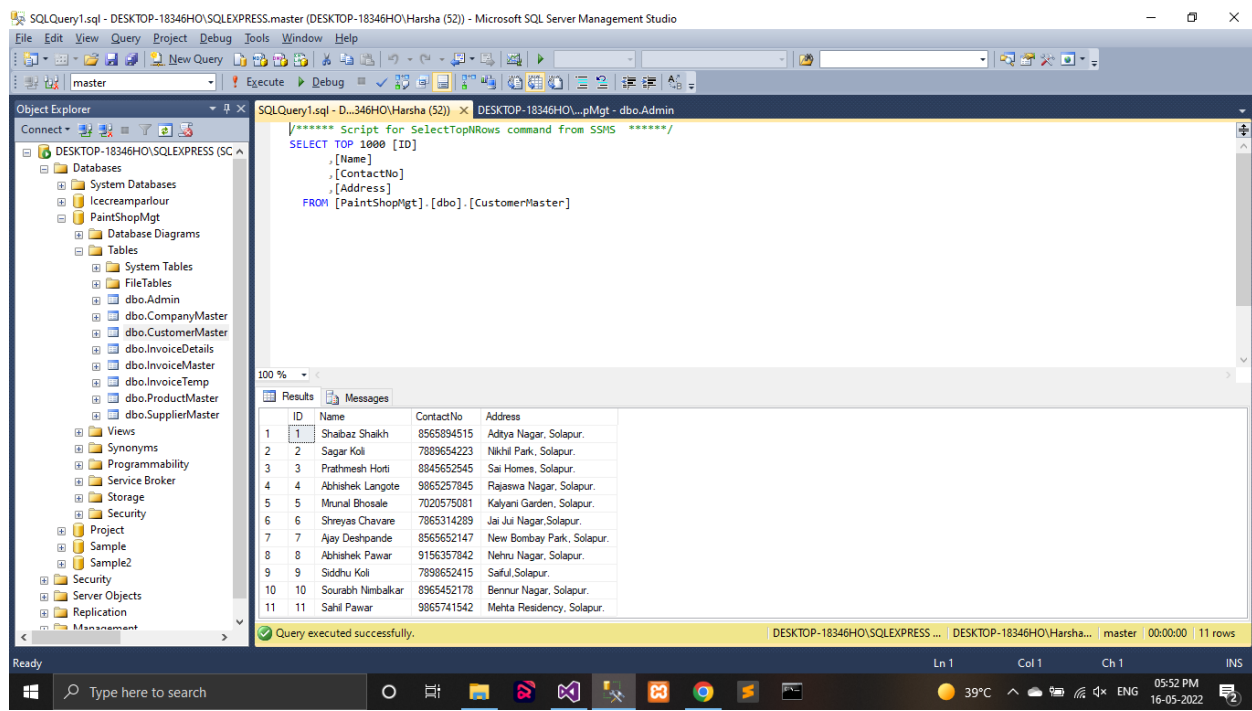
Entity Relationship Diagram

Data Base Design

Login Table:



Customer Table:



Company Table:

SQLQuery2.sql - DESKTOP-18346HO\SQLEXPRESS.master (DESKTOP-18346HO\Harsha (54)) - Microsoft SQL Server Management Studio

Object Explorer: DESKTOP-18346HO\SQLEXPRESS (SC ^)

- Databases
 - System Databases
 - Icecreamparlour
 - PaintShopMgt
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - dbo.Admin
 - dbo.CompanyMaster
 - dbo.CustomerMaster
 - dbo.InvoiceDetails
 - dbo.InvoiceMaster
 - dbo.InvoiceTemp
 - dbo.ProductMaster
 - dbo.SupplierMaster
 - Views
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security
 - Project
 - Sample
 - Sample2
 - Security
 - Server Objects
 - Replication
 - Management

SQLQuery2.sql - D...346HO\Harsha (54)

```
/****** Script for SelectTopNRows command from SSMS ******/
SELECT TOP 1000 [SrNo]
, [CompanyNames]
, [Products]
FROM [PaintShopMgt].[dbo].[CompanyMaster]
```

Results: 100 %

SrNo	CompanyNames	Products
1	Dulux	VT Diamond Glo Brilliant White
2	Dulux	VT Diamond Glo White
3	Dulux	VT Pearl Glo White
4	Dulux	Gloss Black
5	Dulux	Gloss White
6	Solder Paints	Universal W.B Primer
7	Solder Paints	Universal O.B Primer
8	Solder Paints	O.B.D
9	Solder Paints	W.B Acrylic Emulsion Paint
10	Solder Paints	Red Oxide Primer
11	Creative Paints	Aero Coat EXT Emulsion Paint

Query executed successfully. DESKTOP-18346HO\SQLEXPRESS ... | DESKTOP-18346HO\Harsha... | master | 00:00:00 | 53 rows

Product Table:

SQLQuery3.sql - DESKTOP-18346HO\SQLEXPRESS.master (DESKTOP-18346HO\Harsha (55)) - Microsoft SQL Server Management Studio

Object Explorer: DESKTOP-18346HO\SQLEXPRESS (SC ^)

- Databases
 - System Databases
 - Icecreamparlour
 - PaintShopMgt
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - dbo.Admin
 - dbo.CompanyMaster
 - dbo.CustomerMaster
 - dbo.InvoiceDetails
 - dbo.InvoiceMaster
 - dbo.InvoiceTemp
 - dbo.ProductMaster
 - dbo.SupplierMaster
 - Views
 - Synonyms
 - Programmability
 - Service Broker
 - Storage
 - Security
 - Project
 - Sample
 - Sample2
 - Security
 - Server Objects
 - Replication
 - Management

SQLQuery3.sql - D...346HO\Harsha (55)

```
/****** Script for SelectTopNRows command from SSMS ******/
SELECT TOP 1000 [Code]
, [Company]
, [PName]
, [Quantity]
, [Size]
, [Type]
, [Cost]
, [Durability]
, [Assurance]
, [Stock]
, [Token]
FROM [PaintShopMgt].[dbo].[ProductMaster]
```

Results: 100 %

Code	Company	PName	Quantity	Size	Type	Cost	Durability	Assurance	Stock	Token
1	Dulux	DU VT Diamond Glo Brilliant White	1 L		PIE	860	6 years	Yes	48	Not Available
2	Dulux	VT Diamond Glo Brilliant White	4 L		PIE	3360	6 years	Yes	29	Not Available
3	Dulux	VT Diamond Glo Brilliant White	10 L		PIE	8030	6 years	Yes	18	Not Available
4	Dulux	VT Diamond Glo Brilliant White	20 L		PIE	15530	6 years	Yes	1	Not Available
5	Dulux	VT Diamond Glo White	1 L		PIE	860	6 years	Yes	41	Not Available
6	Dulux	VT Diamond Glo White	4 L		PIE	3360	6 years	Yes	22	Not Available
7	Dulux	VT Diamond Glo White	10 L		PIE	8030	6 years	Yes	14	Not Available
8	Dulux	VT Diamond Glo White	20 L		PIE	15530	6 years	Yes	10	Not Available
9	16	Nerolac Beauty White Emulsion Paint	1 L	NULL	Enamel	400	3 years	No	50	Not Available
10	17	Nerolac Beauty White Emulsion Paint	4 L	NULL	Enamel	1100	3 years	No	30	Not Available
11	18	Nerolac Beauty White Emulsion Paint	10 L	NULL	Enamel	2500	3 years	No	20	Not Available

Query executed successfully. DESKTOP-18346HO\SQLEXPRESS ... | DESKTOP-18346HO\Harsha... | master | 00:00:00 | 174 rows

Supplier Table:

SQLQuery4.sql - DESKTOP-18346HO\SQLEXPRESS.master (DESKTOP-18346HO\Harsha (56)) - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

master

Object Explorer

Connect

DESKTOP-18346HO\SQLEXPRESS (SC)

Databases

System Databases

Icecreamparlour

PaintShopMgt

Database Diagrams

Tables

System Tables

FileTables

dbo.Admin

dbo.CompanyMaster

dbo.CustomerMaster

dbo.InvoiceDetails

dbo.InvoiceMaster

dbo.InvoiceTemp

dbo.ProductMaster

dbo.SupplierMaster

Views

Synonyms

Programmability

Service Broker

Storage

Security

Project

Sample

Sample2

Security

Server Objects

Replication

Management

SQLQuery4.sql - D...346HO\Harsha (56)

SQLQuery3.sql - D...346HO\Harsha (55)

SQLQuery2.sql - D...346HO\Harsha (54)

SQLQuery1.sql - D...346HO\Harsha (52)

Script for SelectTopRows command from SSMS

```
SELECT TOP 1000 [ID]
, [Name]
, [ContactNo]
, [Address]
, [Email]
FROM [PaintShopMgt].[dbo].[SupplierMaster]
```

100 %

Results Messages

	ID	Name	ContactNo	Address	Email
1	1	Sagar Galkwad	9960312456	A 27/28 Aditya Nagar, Solapur	Sagargalkwad045@gmail.com
2	2	Rohan Sathe	8976452341	Block No. 33 Prema Nagar, Solapur	Rsathe34@gmail.com
3	3	Javed Shalkh	9123456787	C-5 Uma Nagar, Kolhapur	Javedshalkh786@gmail.com
4	4	Mayur Sorkamble	8967873456	Plot No 6, Wazir Nagar, Sangli	Mayas67@gmail.com
5	5	Suraj Vama	8712568754	B 21, Verna Complex, Pune	Surajvama98@gmail.com

Query executed successfully.

DESKTOP-18346HO\SQLEXPRESS ... DESKTOP-18346HO\Harsha... master 00:00:00 5 rows

Ready

Type here to search

39°C

05:53 PM 16-05-2022

Invoice Table:

SQLQuery5.sql - DESKTOP-18346HO\SQLEXPRESS.master (DESKTOP-18346HO\Harsha (57)) - Microsoft SQL Server Management Studio

File Edit View Query Project Debug Tools Window Help

master

Object Explorer

Connect

DESKTOP-18346HO\SQLEXPRESS (SC)

Databases

System Databases

Icecreamparlour

PaintShopMgt

Database Diagrams

Tables

System Tables

FileTables

dbo.Admin

dbo.CompanyMaster

dbo.CustomerMaster

dbo.InvoiceDetails

dbo.InvoiceMaster

dbo.InvoiceTemp

dbo.ProductMaster

dbo.SupplierMaster

Views

Synonyms

Programmability

Service Broker

Storage

Security

Project

Sample

Sample2

Security

Server Objects

Replication

Management

SQLQuery5.sql - D...346HO\Harsha (57)

SQLQuery4.sql - D...346HO\Harsha (56)

SQLQuery3.sql - D...346HO\Harsha (55)

SQLQuery2.sql - D...346HO\Harsha (54)

Script for SelectTopRows command from SSMS

```
SELECT TOP 1000 [InvoiceNo]
, [ID]
, [Name]
, [ContactNo]
, [DOP]
, [GST]
, [GrandTotal]
FROM [PaintShopMgt].[dbo].[InvoiceMaster]
```

100 %

Results Messages

	InvoiceNo	ID	Name	ContactNo	DOP	GST	GrandTotal
1	1	2	Sagar Koli	7889654223	2022-05-16 00:00:00.000	456.3	2991
2	2	7	Ajay Deshpande	8565652147	2022-05-16 00:00:00.000	579.6	3800
3	3	10	Sourabh Nimbalkar	8965452178	2022-05-16 00:00:00.000	324	2124
4	4	7	Ajay Deshpande	8565652147	2022-05-16 00:00:00.000	630	4130
5	5	7	Ajay Deshpande	8565652147	2022-05-16 00:00:00.000	234	1534
6	6	11	Sahl Pawar	9865741542	2022-05-16 00:00:00.000	633.6	4154

Query executed successfully.

DESKTOP-18346HO\SQLEXPRESS ... DESKTOP-18346HO\Harsha... master 00:00:00 6 rows

Ready

Type here to search

39°C

05:53 PM 16-05-2022

Screen Layouts

Log In Form:

Self Registration

Username

Password ☐ Show

ATTENTION

1 Login Successful !!

Welcome ! Welcome !! Welcome !!!

Customer Details Form:

Customer Details

ID

Name

Contact No

Address

Search By Name

ID	Name	ContactNo	Address
1	Shaibaz Shaikh	8565894515	Aditya Nagar, Solapur.
2	Sagar Koli	7898654223	Nikhil Park, Solapur.
3	Prathmesh Horti	8845652545	Sai Homes, Solapur.
4	Abhishek Langote	9865257845	Rajaswa Nagar, Solapur.
5	Mrunal Bhosale	7020575081	Kalyani Garden, Solapur.
6	Shreyas Chavare	7865314289	Jai Jui Nagar, Solapur.
7	Ajay Deshpande	8565652147	New Bombay Park, Solapur.
8	Abhishek Pawar	9156357842	Nehru Nagar, Solapur.
9	Siddhu Koli	7898652415	Saiful Solapur.
10	Sourabh Nimbalkar	8965452178	Bennur Nagar, Solapur.
11	Sahil Pawar	9865741542	Mehta Residency, Solapur.

Company Details Form:

Home - [CompanyMaster]

Customer **Products** **Supplier** **Invoice** **Reports**

Date: 16 May 2022
Time: 10:20:08 PM

Company Details

Sr. No: 10

Company Names: Soilder Paints

Products: Red Oxide Primer

Save Update Delete

Clear Exit

Search By Company

SrNo	CompanyNames	Products
1	Dulux	VT Diamond Glo Brilliant White
2	Dulux	VT Diamond Glo White
3	Dulux	VT Pearl Glo White
4	Dulux	Gloss Black
5	Dulux	Gloss White
6	Soilder Paints	Universal W B Primer
7	Soilder Paints	Universal O B Primer
8	Soilder Paints	O.B.D
9	Soilder Paints	W B Acrylic Emulsion Paint
10	Soilder Paints	Red Oxide Primer
11	Creative Paints	Aero Coat EXT Emulsion Paint
12	Creative Paints	Wonder Coat INT Emulsion Paint
13	Creative Paints	Fyne Coat Shyne INT Emulsion Pa
14	Creative Paints	Smoke Grey Plus syn Enamel
15	Creative Paints	Brown Plus syn Enamel
16	Star	S.G Primer
17	Star	S.G O.B.D
18	Star	S.G White Emulsion Paint
19	Star	Shagun Primer
20	Star	Shagun O.B.D
21	Star	Shagun White Emulsion Paint
22	Berger Paints	Enamel 7in1

Type here to search

29°C 10:20 PM 16-05-2022

Product Details form:

Home - [ProductMaster]

Customer **Products** **Supplier** **Invoice** **Reports**

Date: 16 May 2022
Time: 10:20:25 PM

Product Details

Code: 8

Company: Dulux

Name: VT Diamond Glo White

Quantity: 10 L Size:

Type: PIE

Cost: 8030

Durability: 6 years

Assurance: ☒ Yes ☐ No

Stock: 14

Token: ☐ Available ☒ Not Available

Save Update Delete

Clear Exit

Company Wise Product List

SrNo	CompanyNames	Products
1	Dulux	VT Diamond Glo Brilliant White
2	Dulux	VT Diamond Glo White
3	Dulux	VT Pearl Glo White
4	Dulux	Gloss Black
5	Dulux	Gloss White
51	Dulux	VT Pearl Glo Brilliant White

Search By Company

Code	Company	PName	Quantity	Size	Type	Cost	Durability	Assurance	Stock	Token
1	Dulux	DU VT Diamond Glo Brilliant White	1 L		PIE	860	6 years	Yes	48	Not
2	Dulux	VT Diamond Glo Brilliant White	4 L		PIE	3360	6 years	Yes	29	Not
3	Dulux	VT Diamond Glo Brilliant White	10 L		PIE	8030	6 years	Yes	18	Not
5	Dulux	VT Diamond Glo Brilliant White	20 L		PIE	15530	6 years	Yes	1	Not
6	Dulux	VT Diamond Glo White	1 L		PIE	860	6 years	Yes	41	Not
7	Dulux	VT Diamond Glo White	4 L		PIE	3360	6 years	Yes	22	Not
8	Dulux	VT Diamond Glo White	10 L		PIE	8030	6 years	Yes	14	Not
9	Dulux	VT Diamond Glo White	20 L		PIE	15530	6 years	Yes	10	Not
16	Nerolac	Beauty White Emulsion Paint	1 L	--	Enamel	400	3 years	No	50	Not
17	Nerolac	Beauty White Emulsion Paint	4 L	--	Enamel	1100	3 years	No	30	Not
18	Nerolac	Beauty White Emulsion Paint	10 L	--	Enamel	2500	3 years	No	20	Not
19	Nerolac	Beauty White Emulsion Paint	20 L	--	Enamel	5000	3 years	No	10	Not
20	Nerolac	KNP Distemper White	1 L	--	Mid-Tier	500	3 years	Yes	48	Not
21	Nerolac	KNP Distemper White	4 L	--	Mid-Tier	1800	3 years	Yes	30	Not
22	Nerolac	KNP Distemper White	10 L	--	Mid-Tier	4500	3 years	Yes	20	Not

Type here to search

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Supplier Details Form:

Home - [Supplier]

Customer **Products** **Supplier** **Invoice** **Reports**

Date: 16 May 2022
Time: 10:20:39 PM

Supplier Details

ID: 2
Name: Rohan Sathe
Contact No: 8976452341
Address: Block No. 33 Prema Nagar, Solapur
Email Id: Rsathe34@gmail.com

ID	Name	ContactNo	Address	Email
1	Sagar Gaikwad	9960312456	A 27/28 Aditya Nagar, Solapur	Sagargaikwad04
2	Rohan Sathe	8976452341	Block No. 33 Prema Nagar, Solapur	Rsathe34@gmail
3	Javed Shaikh	9123456787	C-5 Uma Nagar, Kolhapur	Javedshaikh786
4	Mayur Sonkamble	8967873456	Plot No 6, Wazir Nagar, Sangli	Mayas67@gmail
5	Suraj Varma	8712568754	B 21, Verma Complex, Pune	Surajverma90@

Invoice Details Form:

Home - [Invoice]

Customer **Products** **Supplier** **Invoice** **Reports**

Date: 16 May 2022
Time: 10:21:28 PM

Invoice Details

Invoice No.: 7

ID: 4
Name: Abhishek Langote
Contact No: 9865257845

ID	Name	ContactNo
1	Shaibaz Shaikh	8565894515
2	Sagar Koli	7889654223
3	Prathmesh Horti	8845652545
4	Abhishek Langote	9865257845
5	Mrunal Bhosale	7020575081
6	Shreyas Chavare	7865314289
7	Ajay Deshpande	8565652147
8	Abhishek Pawar	9156357842
9	Siddhu Koli	7898652415

Code	Company	PName	Quantity	Size
65	Star	S G Primer	1 L	--
66	Star	S G Primer	4 L	--
67	Star	S G Primer	10 L	--
68	Star	S G Primer	20 L	--
69	Star	S G O B D	1 L	--
70	Star	S G O B D	4 L	--
71	Star	S G O B D	10 L	--
72	Star	S G O B D	20 L	--
73	Star	S G White Emulsion Paint	1 L	--

InvoiceNo	Code	Company	PName	Cost	Size	Quantity	Amount
7	7	Dulux	VT Diamond Glo White	3360	4 L	1	3360
7	70	Star	S G O B D	1100	4 L	2	2200

Quantity: 2
Amount: 2200

Total Amount: 5560
GST (18%): 1000.8
Grand Total: 6560.8

Receipt Form:

frmptReceipt

Invoice No

PAINT SHOP MANAGEMENT

Monday, May 16, 2022

Tax Invoice

Customer ID

Customer Name

Contact No

Product Code	Company	Product Name	Cost	Quantity
7	Dulux	VT Diamond Glo White	3360	1
70	Star	S.G.O.B.D	1100	2

GST

Total Amount

Authorised Signatory

Thank You! Visit Again!!

Type here to search

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Reports

Customer Report:

Home - [fmrptCustomer]

Customer Products Supplier Invoice Reports

1 of 1 Find | Next

Customer Report

ID	Name	Contact No
1	Shaibaz Shaikh	8565894515
2	Sagar Koli	7889654223
3	Prathmesh Horti	8845652545
4	Abhishek Langote	9865257845
5	Mrunal Bhosale	7020575081
6	Shreyas Chavare	7865314289
7	Ajay Deshpande	8565652147
8	Abhishek Pawar	9156357842
9	Siddhu Koli	7898652415
10	Sourabh Nimbalkar	8965452178
11	Sahil Pawar	9865741542

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Product Report:

Home - [fmrptProduct]

Customer Products Supplier Invoice Reports

1 of 27 Find | Next

Product Report

Code	Company	Product Name	Quantity	Size	Cost	Stock
1	Dulux	DU VT Diamond Glo Brilliant White	1 L		860	48
2	Dulux	VT Diamond Glo Brilliant White	4 L		3360	29
3	Dulux	VT Diamond Glo Brilliant White	10 L		8030	18
5	Dulux	VT Diamond Glo Brilliant White	20 L		15530	1
6	Dulux	VT Diamond Glo White	1 L		860	41
7	Dulux	VT Diamond Glo White	4 L		3360	21
8	Dulux	VT Diamond Glo White	10 L		8030	14
9	Dulux	VT Diamond Glo White	20 L		15530	10
16	Nerolac	Beauty White Emulsion Paint	1 L		400	50
17	Nerolac	Beauty White Emulsion Paint	4 L		1100	30
18	Nerolac	Beauty White Emulsion Paint	10 L		2500	20
19	Nerolac	Beauty White Emulsion Paint	20 L		5000	10
20	Nerolac	KNP Distemper White	1 L		500	48

Type here to search

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Product Report:

Company Reports

Company Names	Products
Dulux	VT Diamond Glo Brilliant White
Dulux	VT Diamond Glo White
Dulux	VT Pearl Glo White
Dulux	Gloss Black
Dulux	Gloss White
Solder Paints	Universal W.B Primer
Solder Paints	Universal O.B Primer
Solder Paints	O.B.D
Solder Paints	W.B Acrylic Emulsion Paint
Solder Paints	Red Oxide Primer
Creative Paints	Aetio Coat EXT Emulsion Paint
Creative Paints	Wonder Coat INT Emulsion Paint
Creative Paints	Fyne Coat Shyne INT Emulsion Paint
Creative Paints	Smoke Grey Plus syn Enamel
Creative Paints	Brown Plus syn Enamel
Star	S.G Primer
Star	S.G O.B.D
Star	S.G White Emulsion Paint
Star	Shagun Primer
Star	Shagun O.B.D
Star	Shagun White Emulsion Paint
Berger Paints	Enamel 7in1
Berger Paints	Enamel Satin
Berger Paints	Enamel White

Testing

Testing is the process of execution of the program with explicit intention of searching for errors. A successful test is one that reveals errors in the system. Test cases are devised with normal input. The data is created with the express intent of determining whether the system will process it in the correct & pre-planned order. Testing is a step, which is actual usage of the system to remove the various discrepancies present.

System is neither designed as entire system nor tested as single system. System design, development, debugging and testing is carried out in modules. These modules are integrated to have entire fully fledged system.

Unit Testing:

In this testing the programs that form the system are tested. So this unit testing is also called “Program Testing”. The unit testing focuses on various modules, independent of another to locate errors. This enables the tester to detect flaws, inabilities and errors in coding and the logic that are present with the module alone. The test cases are also needed to test the range of values that are including both valid and invalid data.

System Testing:

System testing checks for the integration of each module in the system. It also searches for the discrepancies between the system and its original objectives, current specification, and system documentation. The primary concern is the compatibility of the individual modules.

Actual Testing of System:

The system is tested with these methods of testing. Testing is carried out using the test data and checked for discrepancies. The dummy data was provided in each & every possible way to ensure consistency of the system. The system with the validation at every stage handles all the data and also provides relevant message to the user in case of incorrect information.

USER MANUAL

This is manual working of the system. The steps are to be followed while working with the system.

Login Page:

It can be used for signing in from the application. Depending up on the user role i.e. Administrator or Dealer or Sales Person.

To login into system user must enter values of

- ❖ Username
- ❖ Password

Home Page (Menu):

- 1) Customer Registration
- 2) Product Registration
- 3) Supplier Registration
- 4) Invoice
- 5) Receipt
- 6) Report

Customer Registration:

In the Customer Registration form the admin has to fill the given necessary information and by clicking on the 'SAVE' button all the information is saved in the database.

Product Registration:

In the Product Registration form the admin has to fill the given necessary information and by clicking on the 'SAVE' button all the information is saved in the database.

Supplier Registration:

In the Supplier Registration form the admin has to fill the given necessary information and by clicking on the 'SAVE' button all the information is saved in the database.

Invoice:

In Invoice form details of customer and also details of products purchased by customer is saved and quantity of purchased product and their amount is stored. After that when admin clicks on 'GENERATE BILL' button the receipt will be created.

Limitations

The only limitation of this project is that it requires a user who have basic knowledge of computer and can operate basic features of computer.

References:

Site:

- ❖ www.google.com
- ❖ Tutorialspoint.com
- ❖ Stackoverflow.com