**MANSI**

**MOBILE SHOP MANAGEMENT SYSTEM**

**BUSINESS TYPE- TRADING(PURCHASE AND SALE)**

**SUBMITED TO**

**ARCADE BUSINESS COLLEGE**

**2016-2019**

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**ARCADE BUSINESS COLLEGE**

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# PROJECT – PROPOSAL

**BCA (BATCHLOR OF COMPUTER APPLICATION)**

**PROJECT CODE:-3-2C**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
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### 

### ACKNOWLEDGEMENT

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I express my warm thanks to Ms. [ANUPAM MAM] and Mr. [RAHUL SIR] for their support and guidance of [MANSI MOBILE SHOP MANAGEMENT SYSTEM].

I would also like to thank my Project Instructor Mr. [KHURSID ALAM SIR] and Mr. [RAJESH SIR] and all the people who provided me with the facilities being required and conductive conditions for my BCA project.

Thank you,

Author

### DECLARATION

**I**hereby declare that the project work entitled“**MANSI MOBILE SHOP MANAGEMENT SYSTEM”** submitted to ARCADE BUSINESS COLLEGE (PATNA), is record of an original work done by me under the guidance of **Ms. Anupam mam**, HOD of arcade business college and **Mr. Khursid Alam sir,** teacher of project guidance and this project work is submitted in the partial fulfillment of the requirements for the award of the degree of bachelor of computer application (BCA).

AUTHORITY

**INDEX**

Contents

[PROJECT – PROPOSAL 2](#_Toc7164655)

[ACKNOWLEDGEMENT 2](#_Toc7164656)

[DECLARATION 2](#_Toc7164657)

[INTRODUCTION 2](#_Toc7164658)

[OBJECTIVE OF SOFTWARE 2](#_Toc7164659)

[SYSTEM ANALYSIS 2](#_Toc7164660)

[PRELIMINARY INVESTIGATION 2](#_Toc7164661)

[FEASIBILITY STUDY 2](#_Toc7164662)

[Introduction of oracle 10g 2](#_Toc7164663)

[PROJECT PLANNING 2](#_Toc7164664)

[PROJECT SCHEDULING 2](#_Toc7164665)

[SOFTWARE REQUIREMENT SPECIFICATION 2](#_Toc7164666)

[SOFTWARE ENGINEERING PARADIGM 2](#_Toc7164667)

[DATA FLOW DIAGRAM (DFD) 2](#_Toc7164668)

[ZERO & FIRST LEVEL DFD 2](#_Toc7164669)

[ENTITY RELATIONSHIP 2](#_Toc7164670)

[MODEL 2](#_Toc7164671)

[SYSTEM DESIGN 2](#_Toc7164672)

[Architectural design 2](#_Toc7164673)

[Logical design 2](#_Toc7164674)

[Physical design 2](#_Toc7164675)

[DATA INTEGRITY AND CONSTRAINTS 2](#_Toc7164676)

[DATABASE DESIGN 2](#_Toc7164677)

[INTERFACE DESIGN 2](#_Toc7164678)

[CODING 2](#_Toc7164679)

[TESTING TECHINQUES & 2](#_Toc7164680)

[TESTING STRATEGIES USED 2](#_Toc7164681)

[BIBLIOGRAPHY 2](#_Toc7164697)

[GLOSSARY 2](#_Toc7164698)

### INTRODUCTION

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The **MANSI MOBILE SHOP MANAGEMENT SYSTEM** is developed for desktop systems to facilitate mobile shop owners’ management of customer details and inventory data, which will include mobile phones. It can be used efficiently for physically separated shops in different locations.

This software will provide in a simple and easy to operate user interface, which can be managed by any user without having prior in-depth knowledge of the computer system. One can use this software to get a sales report. Administrators can pull data, from any location from the server.

This software is a complete package for small organizations which will allow them to keep track of their sales and inventory, and provide a computerized billing system. There are various applications with more complex implementation and features available in the market,

But they are generally very expensive. Therefore, creating an application with the basic requirement of low cost is essential for small organizations.

This application will allow stores to manage customer details, keep inventory of all products and purchase information, in a very simple way, using a state-of the-art software application. It will automatically generate invoices and update inventory.

The Software**“MANSI MOBILE SHOP MANAGEMENT SYSTEM”** is a total package for a mobile store. The entire project is divided in many modules. Mainly the projects start with the user identification. Depending on the type of username and password provided, the system gets its Main page.

There is an option for the Manager where the rights to access the entire software is allowed. The manager mode basically is the owner of the Mobile Store. So a owner will have all the permissible rights to its belonging and can use all the features of the software.

Since the Software is Entitled as the**MANSI MOBILE SHOP MANAGEMENT SYSTEM**, the entire project is done keeping in mind the basic requirements of a store to maintain a continuous transaction of the business and gain a high profit from the business.

The easy view and the user friendly nature of the software make it very helpful for the User to take the entry in the software.

Seeing the current context of the cellular Phones, which are growing enormously in the Information Technology fields, the Software is very sufficient to meet the daily requirements in order to run a healthy business, and may also provide an enhanced work flow. The system should be easy to operate and no special training is required to the user.

### OBJECTIVE OF SOFTWARE

**The** main objective of the software is to help the ongoing user help to attain an easy way to navigate the customer’s details and solve the Customers problems. The manager of the Mobile store also finds it sufficient enough to view the details of the sales, servicing and well organized way to employ the staff that are included in the mobile store itself.

Thus it can be highlighted that the mobile store management system is the self-explanatory package of governing a well-developed Mobile Store in such a way that nothing gets excluded rather neglected from the software and everything is predominant over necessary requirements that meets the needs of both customer as well as User.

1. All data of mobile sales, customer details, and Employee details along with salary ….will be stored computerized.
2. It will be user friendly so that anyone can use this.
3. Less chance of duplication of data because of its validation.
4. Quick response of searching.
5. Reduce man power that’s why employee salary will be decreased.
6. You can update or delete data from data base.
7. Lots of security provided.
8. No risk to lost data.
9. Less chance of calculation error.

### SYSTEM ANALYSIS

**SYSTEM ANALYSIS** as "the process of studying a procedure or business in order to identify its goals and purposes and create systems and procedures that will achieve them in an efficient way". Another view sees system analysis as a problem solving technique that breaks down a system into its component pieces for the purpose of the studying how well those component parts work and interact to accomplish their purpose.

The field of system analysis relates closely to [requirement analysis](https://en.wikipedia.org/wiki/Requirement_analysis) or to [operations research](https://en.wikipedia.org/wiki/Operations_research). It is also "an explicit formal inquiry carried out to help a [decision maker](https://en.wikipedia.org/wiki/Decision_maker) identify a better course of action and make a better decision than she might otherwise have made."

The terms [Analysis](https://en.wiktionary.org/wiki/analysis) and [synthesis](https://en.wiktionary.org/wiki/synthesis) stem from Greek, meaning "to take apart" and "to put together," respectively. These terms are used in many [scientific disciplines](https://en.wikipedia.org/wiki/Scientific_discipline), from mathematics and logic to economics and psychology, to denote similar investigative procedures. Analysis is defined as "the procedure by which we break down an intellectual or substantial whole into parts," while synthesis means "the procedure by which we combine separate elements or components in order to form a coherent whole." System analysis researchers apply [methodology](https://en.wikipedia.org/wiki/Methodology) to the systems involved, forming an overall picture.

System analysis is used in every field where something is developed. Analysis can also be a series of components that perform organic functions together, such as system engineering. [System engineering](https://en.wikipedia.org/wiki/System_engineering) is an [interdisciplinary field](https://en.wikipedia.org/wiki/Interdisciplinary_field) of engineering that focuses on how complex engineering projects should be designed and managed.

**NEED FOR A MOBILE STORE MANAGEMENT SYSTEM**

In today’s market, retailers and wholesale outlets should quickly adapt to the ever changing technology to minimize overhead, lower cost of operation, and help to stay competitive. Everybody needs software, which can facilitate store operations and make their Day to day lives much easier.

**MANSI MOBILE SHOP MANAGEMENT SYSTEM** is application software designed to take advantage of today’s technology and reduce or avoid the burden of storing data on paper and in files. This facilitates moving purchase, sales, and customer information, as well as supplier and company data, from paper to digital media on a secured server.

Sales and purchase bills can be generated as needed. Each store has an option to store their data on one remote central database server. This will also allow stores to access information from other partner stores. This would in turn lead to information sharing, so that all the stores are aware of each other’s current inventory. It will be useful when ordering new purchases to avoid overstocking.

The **MANSI MOBILE SHOP MANAGEMENT SYSTEM** is software that can be integrated with multiple stores' requirements with some customizations as per store type and needs. We do not need to create new software for different businesses. Many stores surveyed either didn't have a proper inventory management or they do not track their inventory at all due to high cost of available software in market. The store would just need a decent internet connection to use this software. Each store can track their inventory status in real-time with the use of this software from remote location as well. The Mobile Store Management System is cost effective and very easy to implement on computer system.

### PRELIMINARY

### INVESTIGATION

After knowing the working of the company in detail, I came upon the following conclusion:

The underlying problem that was initially presented in system request and later reinforced during a series of interviews with our employer is the lack of a digitalized version of the circulation system that is easy to use by any random person who does not have any experience in programming field, scalable for future web interaction and efficient in tracking information of agents along with the main working of the system.

### FEASIBILITY STUDY

**The feasibility** study is the important step in any software development process. This is because it makes analysis of different aspects like cost requirement for developing and executing the system, the time required for each phase of the system and so on. If these important factors are not analyzed then definitely it would have impact on the organization and the development and the system would be a total failure. So for running the project and the organization successfully this step is very important step in a software development life cycle.

In the software development life cycle after making an analysis in the system requirement the next step is to make analysis of the software development. In other words feasibility study is also called as software requirement analysis. In the phase development team has to make communication with customers and make analysis of their requirement and analyze the system.

By making analysis this way it would be possible to make report of identified area of problem. By making a detailed analysis in this area a detailed document or report is prepared in this phase which has details like project plan or schedule of the project, the cost estimated for developing and executing the system, target dates for each phase of delivery of system. These are managed step by step:-

1. **TECHNICAL FEASIBILITY**
2. **OPERATIONAL FEASIILITY**
3. **ECONOMICAL FEASIBILITY**
4. **TIME FEASIBILITY**
5. TECHNICAL FEASIBILITY**:-**Technical feasibility is a study of development and execution environment. If but environments are compatible with each other than development will start otherwise it is rejected. As per proposed system our team decided to develop software on following environment for which our client is agreed.



* **Hardware and Software specification:-**

|  |  |
| --- | --- |
| **CPU Processor** | **Pentium(p4)** |
| **CPU Speed** | **2 gigahertz** |
| **Word length** | **32bit** |
| **Ram capacity** | **256mb** |
| **Hard-disk** | **40gb** |

##### Software specification and Tool specification

|  |  |
| --- | --- |
| **Operating system** | **Window 7** |
| **Front-end** | **Visual Basic6.0** |
| **Back-end** | **Oracle 10g** |

**Introduction of VB 6.0**

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Visual basic 6.0 is powerful object based language. This is providing graphical user interface to develop application. Vb is available for Microsoft windows only. This is basic language for any developer .This is easy to properties are available for application so programming complexity is not a big matter for naive developer. Visual basic is available in three version each version is geared to meet a specific set of development requirement. Visual basic sometimes called rapid application development (RAD) system because it enables programmer to quickly build prototype applications because of their powerful front-end tools easy to work with back-end also.

**.VBP FILE:-**This file is called the project file, is a small text file that holds the names of the other files in the project, as well as some information about the VB environment.

***Advantages of Visual Basic*:**-The graphical user interface of the VB-IDE provides intuitively appealing views for the management of the program structure in the large scale and the various types of entities (classes, modules, procedures, forms).

***Powerful Front-End Tool*:-**Event driven concept equipped with advanced features of object oriented programming along with user friendly IDE makes Visual Basic a powerful programming and front-end tool. Visual Basic can accomplish simple to complex business requirements in a very productive and efficient manner.

Introduction of oracle 10g

****

**ORACLE 10g** is latest generation relational database management system. When we had to manage or store large amount of data then we use database. ORACLE is secure and reliable database that use SQL language for storing data in database. ORACLE 10G is version of ORACLE database. In general, a database management system (DBMS) must be able to reliably manage a large amount of data in a multi-user environment so that many users can concurrently access the same data. The ORACAL server provides efficient and effective solution for major database features.

* Oracle is one such RDBMS package which was invented by **E.F.Codd** and is based on the simple concept i.e. Table. It provides a set of functional programs that we use as tools to build structure and perform tasks. In ORACLE data is stored and displayed in tables. A table is a data structure that holds data in a relational database. A table comprises of rows and columns. Table can also show relationship between entities. The formal name of a table is relation, hence the name RELATIONAL DATABASE MANAGEMENT SYSTEM.

1. OPERATIONAL FEASIBILLITY:-During this study developer find out operational staff qualification, experience and skill required to operate developed software. During investigation our team find out that operational staffs are well qualified and skillful. They can easily operate and work on developed software.
2. ECONOMIC FEASIBILITY**:-**This is a very important aspect to be considered while developing a project. We decided to technology based on minimum possible cost factor. Economic feasibility is directly related with the cost of software which is estimated.

**ESTIMATED COST:-**

* LOC=Line of code

KLOC= thousand line of code

* Man Power-

Admin- per person per visit

Developer- per person per month/LOC

* Expenses-

Direct- software associated

Indirect- supported

Profit- Not included

No of function=20

Language used=visual basic

Average LOC/fp in visual basic=100

Total loc=2000

Direct cost=1500

Effort= 50 loc/person/hour=40 hour

Wages= 100 rup/person/hour=4000

Indirect cost= 1000

Expense on testing 25% loc=1000

Total cost=direct cost + indirect cost

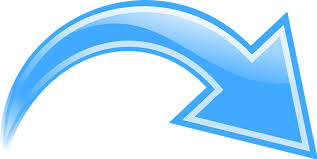
Total cost=7500

1. TIME FEASIBILITY**-:** This is also more important factor of software development. Before dealing with project developer should fix their time for software. This is important for developer as well as costumer because they got an idea about Time. Why is this important for developer because this is the time chart of whole project?

### PROJECT PLANNING

|  |  |  |
| --- | --- | --- |
| WORKING STAGES | MEMBER’S CONTRIBUTION | DAY’S |
| ANALYSIS | **MANISH KUMAR,RAJEEV RANJAN, KHUSHBOO NAYAN, RAMAN RAJ** | **40** |
| INTERFACE DESIGN | **KHUSHBOO NAYAN** | **10** |
| CODING | **MANISH KUMAR** | **10** |
| TESTING | **RAMAN RAJ,MANISH KUMAR,KHUSBOO NAYAN,RAJEEV RANJAN** | **5** |
| IMPLEMENTATION | **MANISH KUMAR** | **5** |
| DOCUMENTATION | **RAMAN RAJ,**  **RAJEEV RANJAN** | **5** |

### PROJECT SCHEDULING

**GANTT CHART:- **

|  |  |  |
| --- | --- | --- |
| Work | Time(in Percent) | Days |
| ANALYSIS | **40%** | **60** |
| DESIGNING | **13%** | **20** |
| CODING | **20%** | **30** |
| TESTING | **25%** | **37** |
| TRAINING & IMPLEMENTATION | **2%** | **3** |
| TOTAL | **100%** | **150 days** |

### SOFTWARE REQUIREMENT SPECIFICATION

Requirement Specification is done in order to understand the problem statement provided by the company. For a large system that involves many features and performs many different tasks. The emphasis in requirement analysis is on identifying what is needed from the system not how the system would achieve its goals.

The task is complicated by the fact that there are often at least two parties involved in software development a client and a developer. The client usually does not understand the issue involved in software system. This is a communication gap.

This phase generally ends with a document describing all the requirements. In other words the goal of the requirements specification phase is to produce the software requirements specification documents. The person responsible for the requirements analysis is often called an ANALYST.

There are basically to major phases in this stage:-

* Problem Analysis or Understanding
* Requirement Specification

In the “problem analysis” the analyst has to understand the problem and its context. Such analysis typically requires a thorough understanding of the existing system; parts of which have to be automated. This require interacting with clients and end users as well as studying the existing the existing manual procedures.

In the “Requirement Specification” ANALYST specifies what to use, when to use and how to use to make the system for comfortable to use in the user level.

Basic tests are being performed in order to see what will be the user’s basic system requirements to make the given system may run so that it will be made in such a manner that the system may run even in low grade computer hardware specification.

**Development Tools & Technologies:-**

|  |  |
| --- | --- |
| CPU Processor | Pentium(p4) or higher |
| Word length | 32bit |
| Ram capacity | 256mb |
| Hard-disk | 40gb |
| Operating system | Window 7 |
| Front- end | Visual Basic 6.0 |
| Back- end | Oracle 10g |

### SOFTWARE ENGINEERING PARADIGM

**Software engineering** is the application of systematic, disciplined, quantifiable approach to the development, operation and maintenance of software that is the application of engineering to software.

To solve the actual problem in an industry setting a Software Engineer must incorporate a development strategy is often referred to as a process model or **Software Engineering Paradigm.** A process model of Software Engineering is chosen based on the nature of project application.

It is clear that current state of state leaves much to be desired. A primary reason for is that, approaches to software development are frequently ad-hoc and programming centered.

A definition of the software engineering from the economic and human perspective is given by Boehm(BoeSI) by combining the dictionary’s definition of engineering with its definition software.

“**Software engineering** is the application of science and mathematics by which the capabilities of computer equipment are made useful to man via computer programs, procedures and associated documents”.

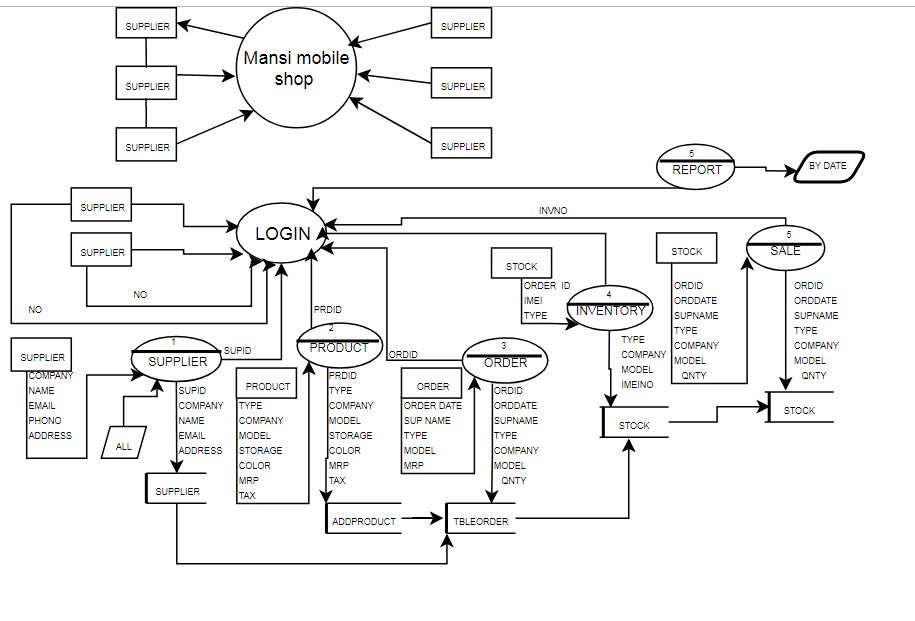
### DATA FLOW DIAGRAM (DFD)

DE macro& Jane (1978) and Scarron (1979) introduced Data Flow Diagram (DFD) and it is important to system analysis. DFD’s are very useful understanding a system and it can effectively use for partitions during analysis. A DFD shows the flow of data through a system. The system may be an organization, a manual procedure, a software system, mechanical systems, a hardware system, or any condition of these.

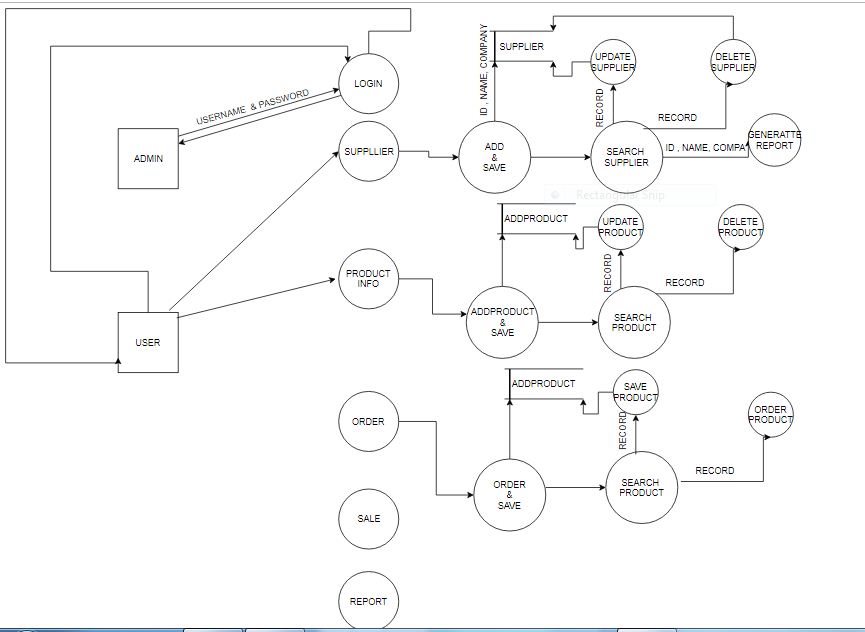
A DFD shows the movement of data through the different transactions or process in the systems. As the first step, an entire system can be depicted by one DFD, which gives a system overview it is called Context Diagram.

Data Flow Diagram (DFD) is a way of expressing system requirements in a graphical form. A DFD also known as bubble chart has the purpose of clarifying system requirements and identifying major transformations that will become programs in system design.

### ZERO& FIRST LEVEL DFD

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**SECOND LEVEL DFD**

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### ENTITY RELATIONSHIP

### MODEL

**An entity relationship (ER)** diagram is specialized graphic that illustrates the inter relationships between entities in a database. E R model is a popular high level conceptual data model. This model and its variations are frequently used for the conceptual design of database application and many database design tools employ its concept. A database that confirm to an E R diagram can be represented by a collection of tables in the relationship system.

**ER diagram** often use symbols to represent three different types of information. Boxes are commonly used to represent entities. Diamonds are normally used to represent relationship and Ovals are used to represent attributes.

**Facts about ER Diagram Model:-**

* ER model allows you to draw Database Design.
* It is an easy to use graphical tool for modeling data
* Widely used in Database Design.
* It is a GUI representation of the logical structure of a Database.
* It helps you to identify the entities which exist in a system and the relationships between those entities.

**E R DIAGRAM**

**RETURN**

**RETURN**

**INVOICE**

**RETURN NOTE**

**ORDER**

**SELL**

**PRODUCT**

**SUPPLIER**

**S order challan**

**CUSTOMER**

**P order challan**

**Order form**

**SUPPLY**

**maintainance**

**INVOICE**

**INVENTORY**

### SYSTEM DESIGN

**Systems design** is therefore the process of defining and developing [systems](https://en.wikipedia.org/wiki/System) to satisfy specified [requirements](https://en.wikipedia.org/wiki/Requirement) of the user. **Systems design** is the process of defining the [architecture](https://en.wikipedia.org/wiki/Systems_architecture), modules, interfaces, and [data](https://en.wikipedia.org/wiki/Data) for a [system](https://en.wikipedia.org/wiki/System) to satisfy specified [requirements](https://en.wikipedia.org/wiki/Requirement). Systems design could be seen as the application of [systems theory](https://en.wikipedia.org/wiki/Systems_theory) to [product development](https://en.wikipedia.org/wiki/Product_development). There is some overlap with the disciplines of [systems analysis](https://en.wikipedia.org/wiki/Systems_analysis), [systems architecture](https://en.wikipedia.org/wiki/Systems_architecture) and [systems engineering](https://en.wikipedia.org/wiki/Systems_engineering).

### Architectural design

The architectural design of a system emphasizes the design of the [system architecture](https://en.wikipedia.org/wiki/System_architecture) that describes the [structure](https://en.wikipedia.org/wiki/Structure), [behavior](https://en.wikipedia.org/wiki/Behavior) and more [views](https://en.wikipedia.org/wiki/View_model) of that system and analysis.

### Logical design

The logical design of a system pertains to an abstract representation of the data flows, inputs and outputs of the system. This is often conducted via modeling, using an over-abstract (and sometimes graphical) model of the actual system. In the context of systems, designs are included. Logical design includes [entity-relationship diagrams](https://en.wikipedia.org/wiki/Entity%E2%80%93relationship_model) (ER diagrams).

### Physical design

The physical design relates to the actual input and output processes of the system. This is explained in terms of how data is input into a system, how it is verified / authenticated, how it is processed, and how it is displayed. In physical design, the following requirements about the system are decided.

1. **Input requirement**
2. **Output requirements**
3. **Storage requirements**
4. **Processing requirements**
5. **System control and backup or recovery**

Put another way, the physical portion of system design can generally be broken down into three sub-tasks:

1. **User Interface Design**
2. **Data Design**
3. **Process Design**

* **User Interface Design -** is concerned with how users add information to the system and with how the system presents information back to them. Data Design is concerned with how the data is represented and stored within the system. Finally, Process Design is concerned with how data moves through the system, and with how and where it is validated, secured and/or transformed as it flows into, through and out of the system. At the end of the system design phase, documentation describing the three sub-tasks is produced and made available for use in the next phase.
* **Physical design-** in this context does not refer to the tangible physical design of an information system. To use an analogy, a personal computer's physical design involves input via a keyboard, processing within the CPU, and output via a monitor, printer, etc. It would not concern the actual layout of the tangible hardware, which for a PC would be a monitor, CPU, motherboard, hard drive, modems, video/graphics cards, USB slots, etc.
* **Process Design** “To design” refers to the process of originating and developing a plan for a product, service or process. It is any part of an organization which takes a set of input resources which are then used to transform something into outputs of products or services. Process Design Process design Processes that Processes that Design Products Produce Products and Services and Services Supply Network Design Concept Generation Screening Layout and Flow Preliminary Design Evaluation and Improvement Process Job Technology Design Prototyping and final design.

**MODULARISATION DETAILS**

Module of this software defines all about the features of **Mansi Mobile Shop Management System** software. The data of this company will be managed through all modules like purchase, order and so on. Mansi mobile shop is a small organization that sales mobile and manage his data on the paper. Then this software help them to manage data through software and easily using these modules ------

1. **Admin:-** Admin is all about to manage and modify the data of whole software they do not have any restriction like user in this module admin can create a permission for their user to manage the data with specific restriction like- user can’t change any type of id and password. User can’t see the report of any department it’s all permission is not given by the admin as per company requirement.
2. **Supplier:-**Supplier module will manage the data about the product supplier who is supplying product to this company. Supplier details like name, company, address, email and contact number and many information. Admin can also delete and modify the details of supplier if any mistake made by anyone.
3. **Product information:-**Product information module will keep all the information about the product which company wants to order. Before ordering the product company have to keep information about the product like - samsungj2 has 12mp front camera , 4gb ram, 32gb rom ,mrp=1000, tax=10% . Product information module keep information about product and user can update and delete all the
4. Information of product as per company requirement or market rate.
5. **Order module:–**In this module company can order multiple products in an order. In order module the supplier details, product details and product quantity will be include. Then the product will be order through supplier. After ordering the product Challan will be generated they company have to pay advance to the supplier. After that your product will be order successfully.
6. **Inventory module:–**Stock module holds the stock of supplied product supplied by supplier. In the stock module user can search there product by name, type and model. If the product will be sale then the stock item will be deleted from inventory of product.
7. **Sale module:-**In the sale module product will be sale to customer according to customer requirement.in sale module customer information product information will be included and after that invoice will be generated.
8. **Report:-**In report module we can see the details of orderedproduct, supplied product, customer details, according to date and company can see whole data of any particular report too.

### DATA INTEGRITY AND CONSTRAINTS

**Data integrity** is the overall completeness, accuracy and consistency of data. This can be indicated by the absence of alteration between two instances or between two updates of a data record, meaning data is intact and unchanged. Data integrity is usually imposed during the database design phase through the use of standard procedures and rules. Data integrity can be maintained through the use of various error-checking methods and validation procedures. Data integrity is enforced in both hierarchical and relational database models.

The following **three** integrity constraints are used in a relational database structure to achieve data integrity:

* **Entity Integrity:-**This is concerned with the concept of primary keys. The rule states that every table must have its own primary key and that each has to be unique and not null.
* **Referential Integrity:-**This is the concept of foreign keys. The rule states that the foreign key value can be in two states. The first state is that the foreign key value would refer to a primary key value of another table, or it can be null. Being null could simply mean that there are no relationships, or that the relationship is unknown.
* **Domain Integrity:-**This states that all columns in a relational database are in a defined domain.

**CONSTRAINTS**

**Constraints** are the rules enforced on the data columns of a table. These are used to limit the type of data that can go into a table. This ensures the accuracy and reliability of the data in the database.

**Constraints** could be either on a column level or a table level. The column level constraints are applied only to one column, whereas the table level constraints are applied to the whole table.

Following are some of the most commonly used constraints available in SQL. These constraints have already been discussed in [SQL - RDBMS Concepts](https://www.tutorialspoint.com/sql/sql-rdbms-concepts.htm) chapter, but it worth to revise them at this point.

* [NOT NULL Constraint](https://www.tutorialspoint.com/sql/sql-not-null.htm):-Ensures that a column cannot have NULL value.
* [DEFAULT Constraint](https://www.tutorialspoint.com/sql/sql-default.htm):-Provides a default value for a column when none is specified.
* [UNIQUE Constraint](https://www.tutorialspoint.com/sql/sql-unique.htm):-Ensures that all values in a column are different.
* [PRIMARY Key](https://www.tutorialspoint.com/sql/sql-primary-key.htm): -Uniquely identifies each row/record in a database table.
* [FOREIGN Key](https://www.tutorialspoint.com/sql/sql-foreign-key.htm) :-Uniquely identifies a row/record in any of the given database table.
* [CHECK Constraint](https://www.tutorialspoint.com/sql/sql-check.htm):-The CHECK constraint ensures that all the values in a column satisfy certain conditions.
* [INDEX](https://www.tutorialspoint.com/sql/sql-index.htm) :-Used to create and retrieve data from the database very quickly.

Constraints can be specified when a table is created with the CREATE TABLE statement or you can use the ALTER TABLE statement to create constraints even after the table is created.

### DATABASE DESIGN

**Database design** is the organization of data according to a [database model](https://en.wikipedia.org/wiki/Database_model). The designer determines what data must be stored and how the data elements interrelate. With this information, they can begin to fit the data to the database model.

**Database design** involves classifying data and identifying interrelationships. This theoretical representation of the data is called ontology. The ontology is the theory behind the database's design.

In a majority of cases, a person who is doing the design of a database is a person with expertise in the area of database design, rather than expertise in the domain from which the data to be stored is drawn e.g. financial information, biological information etc. Therefore, the data to be stored in the database must be determined in cooperation with a person who does have expertise in that domain, and who is aware of what data must be stored within the system.

**This process** is one which is generally considered part of [requirements analysis](https://en.wikipedia.org/wiki/Requirements_analysis), and requires skill on the part of the database designer to elicit the needed information from those with the [domain knowledge](https://en.wikipedia.org/wiki/Domain_knowledge). This is because those with the necessary domain knowledge frequently cannot express clearly what their system requirements for the database are as they are unaccustomed to thinking in terms of the discrete data elements which must be stored. Data to be stored can be determined by Requirement Specification.

1. **Admin log**

|  |
| --- |
| Useridchar(10) primary key, |
| Username varchar(15)NOT NULL, |
| types varchar(10) NOT NULL, |
| email varchar(40) NOT NULL, |
| Npass varchar(10)NOT NULL, |
| Cpassvarchar(10) NOT NULL); |

|  |  |  |  |
| --- | --- | --- | --- |
| User\_id | char | (10) | primary key |
| Username | varchar | (15) | NOT NULL |
| Types | varchar | (10) | NOT NULL |
| Email | varchar | (40) | NOT NULL |
| Npass | varchar | (10) | NOT NULL |
| Cpass | varchar | (10) | NOT NULL |

1. **User Log**
2. **Customer**

|  |  |  |  |
| --- | --- | --- | --- |
| cust\_id | Varchar | (10) | primary key |
| cust\_nm | Varchar | (25) | NOT NULL |
| Email | Varchar | (28) | NOT NULL |
| Phno | Varchar | (13) | NOT NULL |
| Addr | Varchar | (30) | NOT NULL |

1. **Supplier**

|  |
| --- |
| supid varchar (10) primary key |
| comp varchar (30) NOT NULL |
| supname varchar (30) NOT NULL |
| supemail varchar (30) NOT NULL |
| supphno number (13) NOT NULL |
| supaddr varchar (50) NOT NULL) |

1. **Add Product**

|  |  |  |  |
| --- | --- | --- | --- |
| Prdid | char | (10) | primary key |
| Prdcomp | varchar | (30) | NOT NULL |
| Prdtype | varchar | (30) | NOT NULL |
| Prdmodel | varchar | (20) | NOT NULL |
| Storage | number | (10) | NOT NULL |
| Camera | varchar | (20) | NOT NULL |
| Ram | number | (10) | NOT NULL |
| Processor | varchar | (30) | NOT NULL |
| Battery | number | (10) | NOT NULL |
| Os | varchar | (30) | NOT NULL |
| Network | varchar | (30) | NOT NULL |
| Display | decimal | (7,2) | NOT NULL |
| Weight | decimal | (7,2) | NOT NULL |
| Color | varchar | (20) | NOT NULL |
| Simslot | varchar | (20) | NOT NULL |
| Mrp | decimal | (9,2) | NOT NULL |
| Tax | decimal | (7,2) | NOT NULL |
| Total | decimal | (9,2) | NOT NULL |
| Bcamera | varchar | (10) | NOT NULL |
| Rom | number | (10) | NOT NULL |

1. **Prdtype**

|  |  |  |  |
| --- | --- | --- | --- |
| Prdtype | varchar | (30) | NOT NULL |
| Prdid | char | (10) | primary key |
| Name | varchar | (20) | default NULL |
| Addr | varchar | (30) | Default NULL |

1. **Employee**

|  |
| --- |
| empid char (10) primary key |
| *efnameva*rchar(20)NOT NULL |
| elname varchar (20) NOT NULL |
| efatname varchar (40) NOT NULL |
| email varchar (30) NOT NULL |
| phno number (13) NOT NULL |
| address varchar (50) NOT NULL |
| dob date NOT NULL |
| gender varchar (20) NOT NULL |
| aadhar number (20) NOT NULL |
| qualification varchar (50) NOT NULL |
| experience varchar (10) NOT NULL |
| dep varchar (30) NOT NULL |
| desig varchar (30) NOT NULL |
| jdate date NOT NULL |
| salary decimal (9,2) NOT NULL |
| Picture varchar (50) NOT NULL |

1. **Stock**

|  |  |  |  |
| --- | --- | --- | --- |
| Types | varchar | (40) | NOT NULL |
| Company | varchar | (40) |  |
| Model | varchar | (40) |  |
| Imei | varchar | (50) | primary key |

1. **TableTemporder**

|  |  |  |  |
| --- | --- | --- | --- |
| Ordid | varchar | (10) | NOT NULL |
| Sno | number | (5) | NOT NULL |
| Orddate | date |  | NOT NULL |
| Arvdate | date |  | NOT NULL |
| Supid | varchar | (10) | NOT NULL |
| Comp | varchar | (30) | NOT NULL |
| Supname | varchar | (30) | NOT NULL |
| Supemail | varchar | (30) | NOT NULL |
| Supphno | number | (13) | NOT NULL |
| Supaddr | varchar | (50) | NOT NULL |
| Prdtype | varchar | (30) | NOT NULL |
| Prdcomp | varchar | (30) | NOT NULL |
| Prdmodel | varchar | (20) | NOT NULL |
| Mrp | decimal | (9,2) | NOT NULL |
| Prdqnty | number | (10) | NOT NULL |
| Tax | decimal | (7,2) | NOT NULL |
| Ordamount | decimal | (9,2) | NOT NULL |

1. **Tableorder**

|  |  |  |  |
| --- | --- | --- | --- |
| Ordid | varchar | (10) |  |
| Sno | number | (5) |  |
| Orddate | date |  | NOT NULL |
| Arvdate | date |  | NOT NULL |
| Supid | varchar | (10) | NOT NULL |
| Comp | varchar | (30) | NOT NULL |
| Supname | varchar | (30) | NOT NULL, |
| Supemail | varchar | (30) | NOT NULL |
| Supphno | number | (13) | NOT NULL |
| Supaddr | varchar | (50) | NOT NULL |
| Prdtype | varchar | (30) | NOT NULL |
| Prdcomp | varchar | (30) |  |
| Prdmodel | varchar | (20) | NOT NULL |
| Mrp | decimal | (9,2) |  |
| Prdqnty | number | (10) | NOT NULL |
| tax decimal |  | (7,2) |  |
| Ordamount | decimal | (9,2) | NOT NULL |

1. **Sale**

|  |  |  |  |
| --- | --- | --- | --- |
| Saleid | varchar | (10) | primary key |
| Invno | varchar | (10) | NOT NULL |
| Saledate | date |  | NOT NULL |
| cid | varchar | (10) | NOT NULL |
| Cname | varchar | (30) | NOT NULL |
| Cemail | varchar | (30) | NOT NULL |
| Caddr | varchar | (50) | NOT NULL |
| Prdtype | varchar | (30) | NOT NULL |
| Prdcomp | varchar | (30) | NOT NULL |
| Prdmodel | varchar | (20) | NOT NULL |
| Imeino | varchar | (50) | NOT NULL |
| Mrp | decimal | (9,2) | NOT NULL |
| Tax | decimal | (7,2) | NOT NULL |
| Total | decimal | (9,2) | NOT NULL) |

1. **Invoice**

|  |  |  |  |
| --- | --- | --- | --- |
| Saleid | varchar | (10) | primary key |
| Invno | varchar | (10) | NOT NULL |
| Saledate | date |  | NOT NULL |
| cid | varchar | (10) | NOT NULL |
| Cname | varchar | (30) | NOT NULL |
| Cemail | varchar | (30) | NOT NULL |
| Caddr | varchar | (50) | NOT NULL |
| Prdtype | varchar | (30) | NOT NULL |
| Prdcomp | varchar | (30) | NOT NULL |
| Prdmodel | varchar | (20) | NOT NULL |
| Imeino | varchar | (50) | NOT NULL |
| Mrp | decimal | (9,2) | NOT NULL |
| Tax | decimal | (7,2) | NOT NULL |
| Total | decimal | (9,2) | NOT NULL |

1. **Ordpay**

|  |  |  |  |
| --- | --- | --- | --- |
| Ordid | varchar | (10) | primary key |
| Paydate | date |  | NOT NULL |
| Total | decimal | (12,2) | NOT NULL |
| Supname | varchar | (30) | NOT NULL |
| Advance | decimal | (12,2) | NOT NULL |
| Dues | decimal | (12,2) | NOT NULL |

1. **Supplied**

|  |
| --- |
| prdno varchar (20) primary key |
| ordpid varchar (10) NOT NULL |
| supdate date NOT NULL |
| type varchar (30) NOT NULL |
| comp varchar (30) NOT NULL |
| model varchar (30) NOT NULL |
| imeino varchar (50) NOT NULL |

1. **Empsal**

|  |  |  |  |
| --- | --- | --- | --- |
| Salid | varchar | (10) | primary key |
| Saldate | date |  | NOT NULL |
| Empid | varchar | (10) | NOT NULL |
| Ename | varchar | (30) | NOT NULL |
| Amount | decimal | (12,2) | NOT NULL |

1. **Department**

|  |
| --- |
| dno varchar (10) |
| dnm varchar (40) |

1. **Empsaladv**

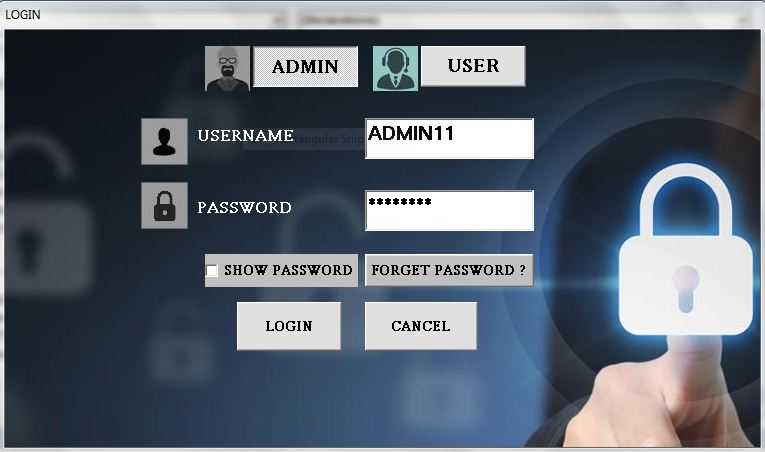
|  |
| --- |
| salid varchar (10) primary key |
| saldate date NOT NULL |
| empid varchar (10) NOT NULL |
| ename varchar (30) NOT NULL |
| adv decimal (12,2) NOT NULL |
| create table department |
| dno varchar (10) primary key |
| dname varchar (30) NOT NULL |

1. **Designation**

|  |
| --- |
| sno varchar (10) NOT NULL |
| deig varchar (40) NOT NULL |

### INTERFACE DESIGN

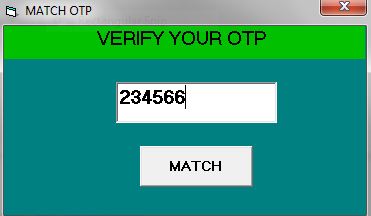
**LOGIN PAGE**

****

**FORGET PASSwORD**

****

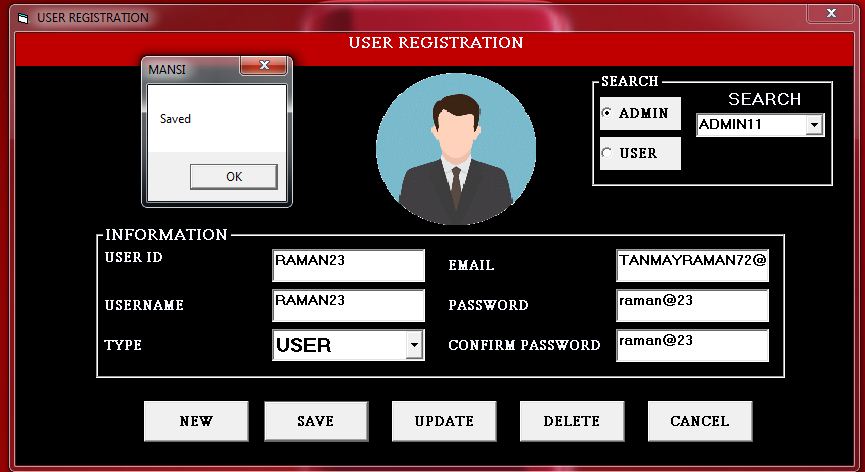
**OTP MATCHING**



**PASSWORD UPDATE**

****

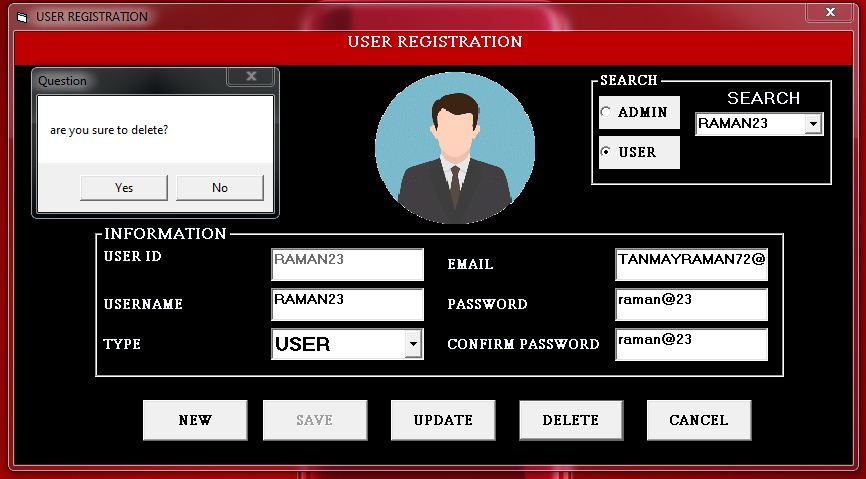
**USER REGISTRATION**

****

**USER UPDATE**

****

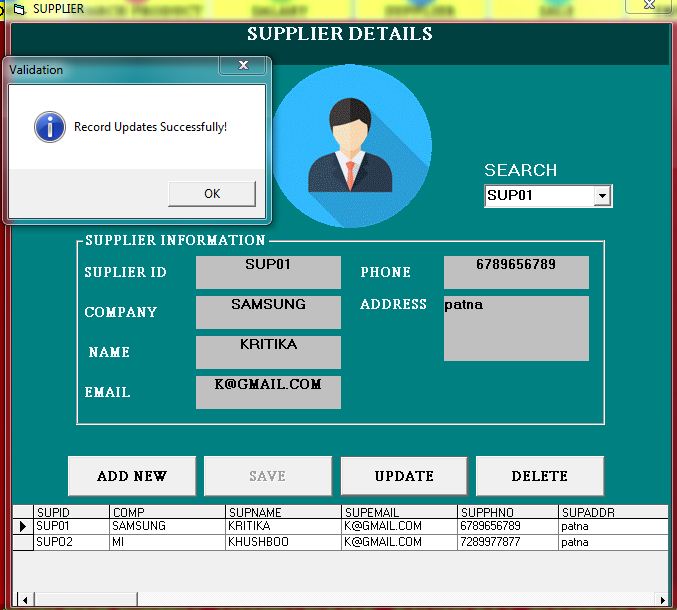
**USER DELETE**

****

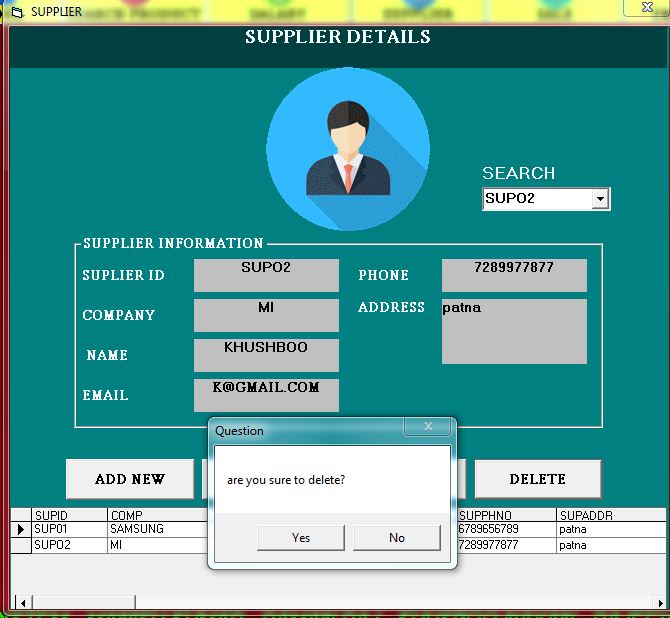
**SUPPLIER**

****

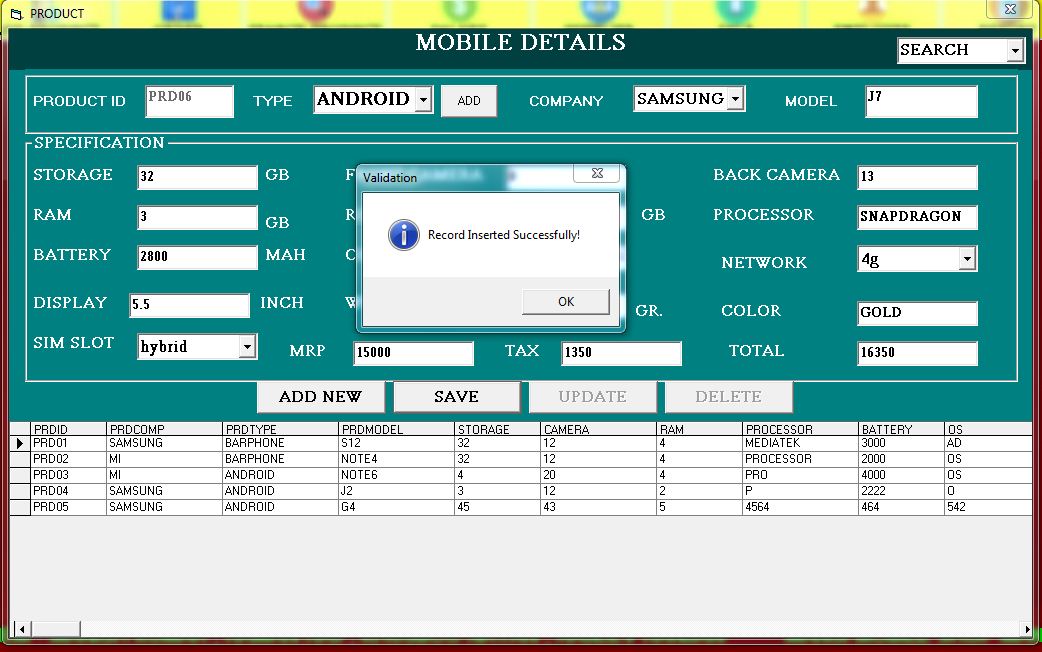
**SUPPLIER UPDATE**

****

**SUPPLIER DELETE**

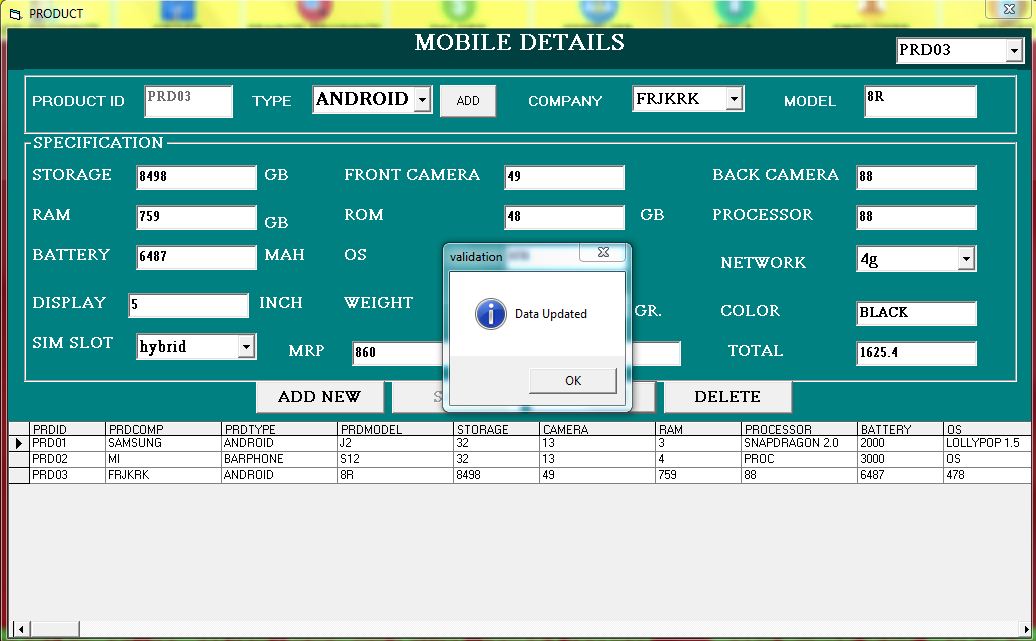


**PRODUCT INFORMATION**

****

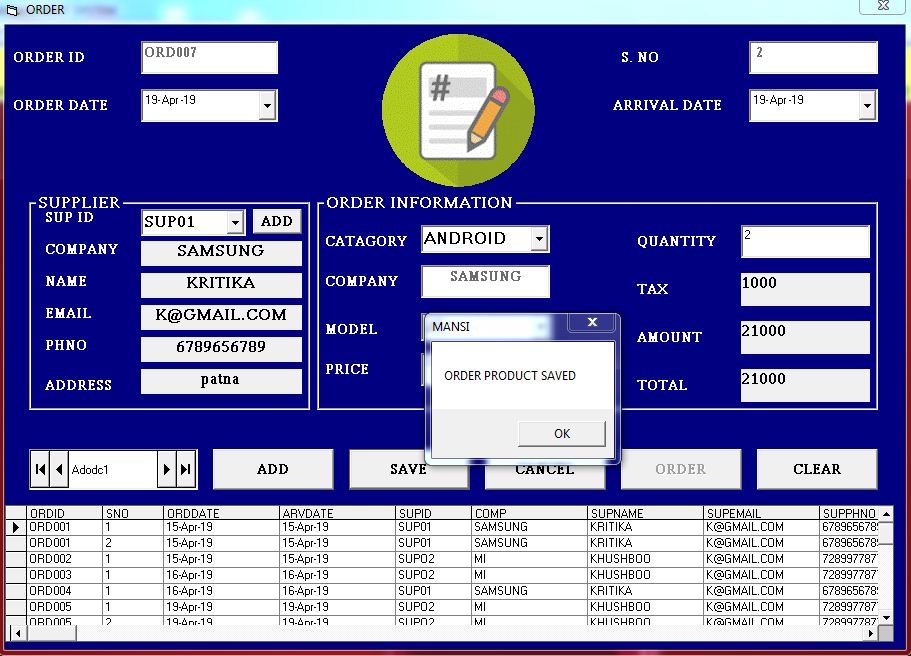
### 

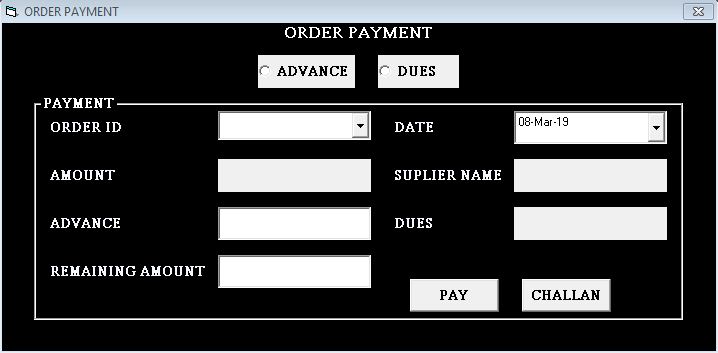
**UPDATE PRODUCT**

****

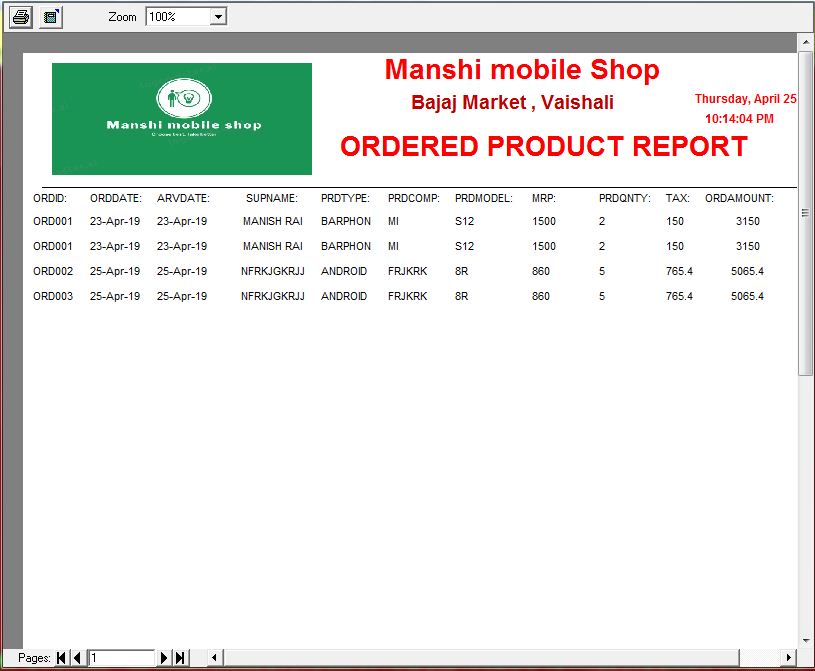
### DELETEPRODUCT.JPG

**ORDER PRODUCT**

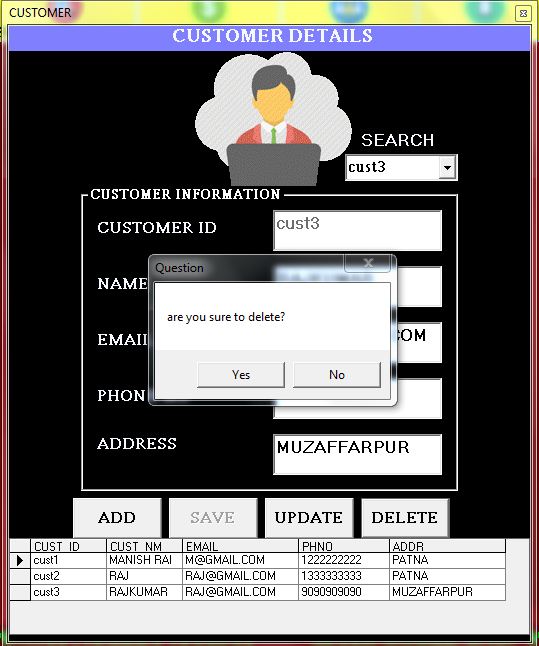
****

****

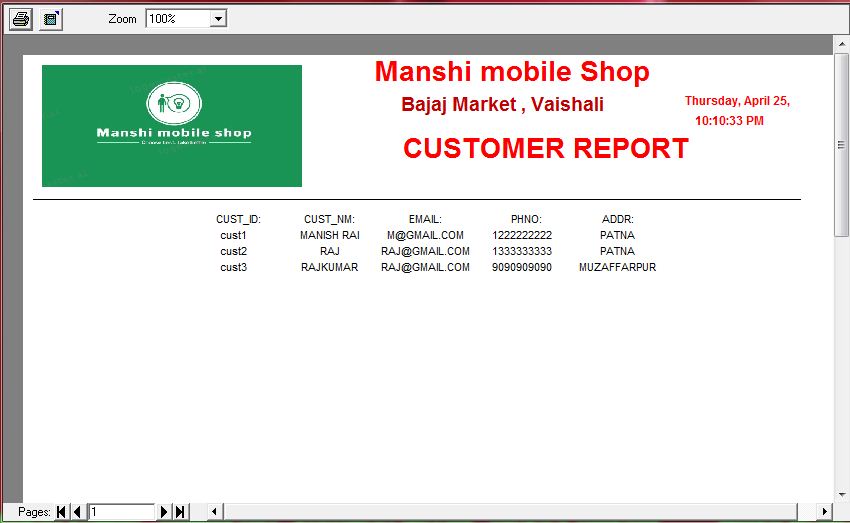
### ORDER REPORT



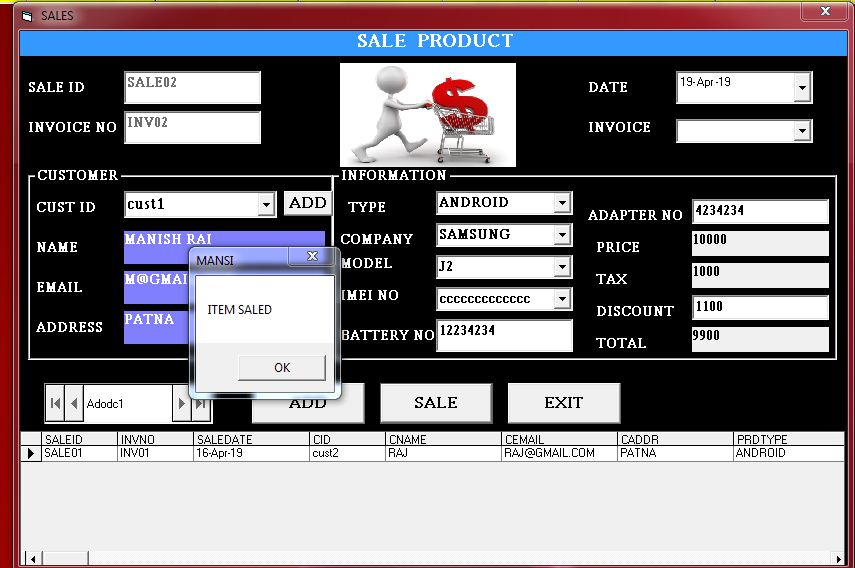
### CUSTOMER



**CUSTUMER REPORT**

****

**SALE**

****

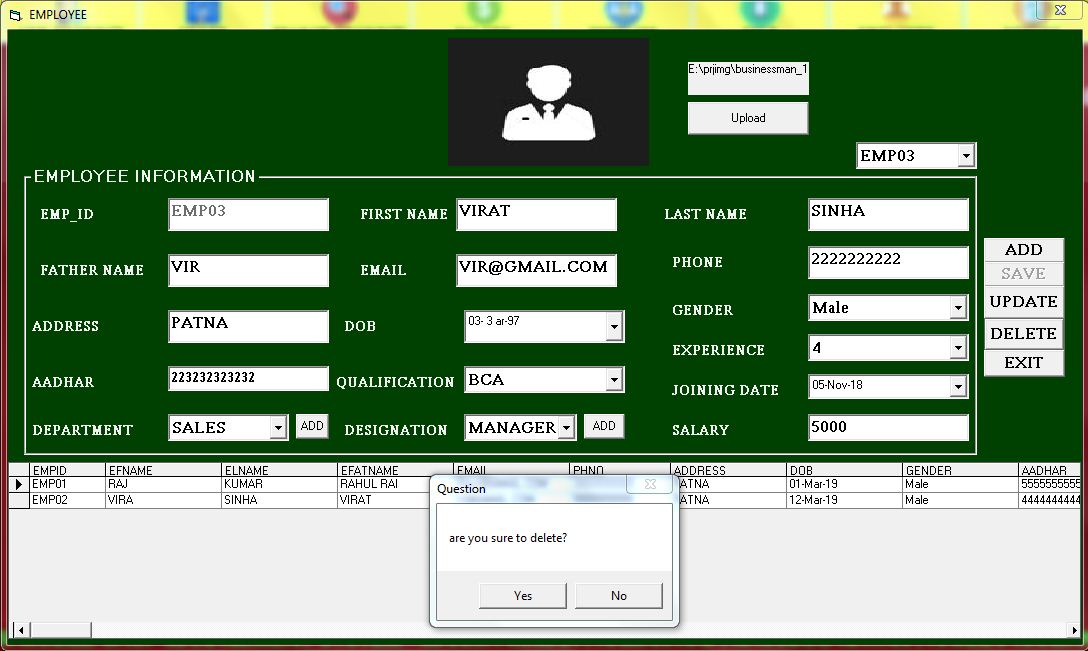
**BILLING**



**SALE REPORT**



**EMPLOYEE**

****

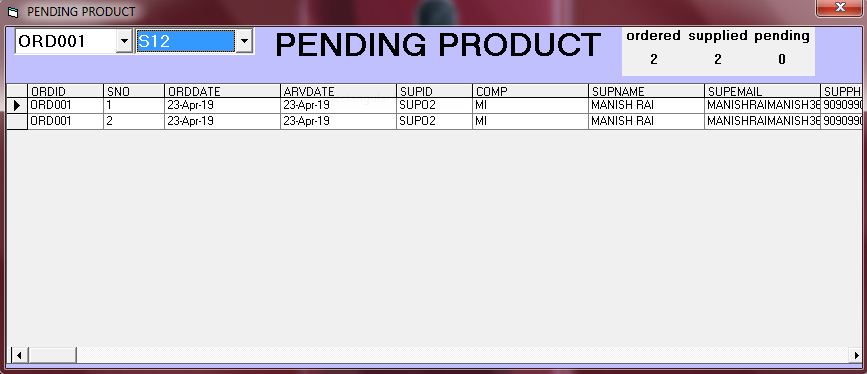
**EMPLOYEE REPORT**

****

**SUPPLIED PRODUCT**

****

**PENDING PRODUCT**

****

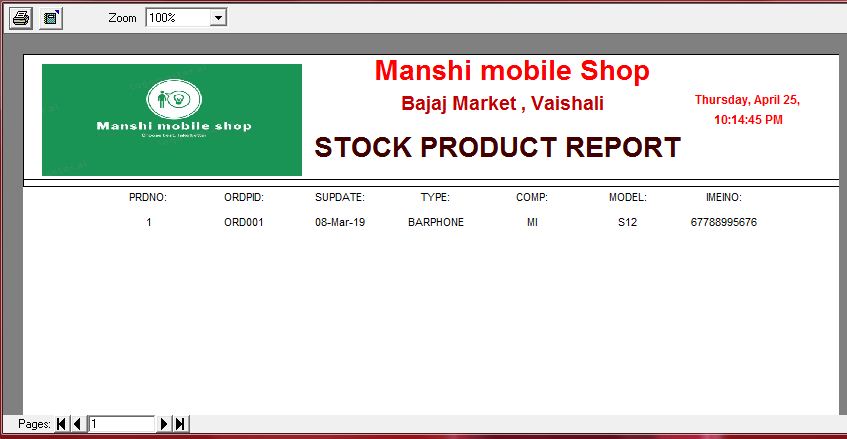
**COMPANY DETAILS**

****

**COMPANY STATUS**

****

**STOCK REPORT**

****

**SUPPLIER REPORT**

****

**CODING UNIT**

1. **SPLASH FORM:**

Option Explicit

Private Sub Form\_KeyPress (KeyAscii as Integer)

Unload Me

loginForm.Show

End Sub

'Private Sub Frame1\_Click ()

' Unload Me

'End Sub

Private Sub Timer1\_Timer ()

ProgressBar1.Value = ProgressBar1.Value + 5

Label3.Caption = ProgressBar1.Value & "%"

If (ProgressBar1.Value = ProgressBar1.Max) Then

Timer1.Enabled = False

Unload Me

loginForm.Show

End If

End Sub

Private Sub Form Load()

Me.Left = (Screen. Width - Me.Width) / 2

Me.Top = (Screen.Height - Me.Height) / 2

Timer1.Enabled = True

End Sub

1. **LOGIN FORM:**

Dim sql As String

Private Sub cmdCancel\_Click ()

End

End Sub

Private Sub showpass\_Click ()

If showpass.Value = "1" Then

txtPass.PasswordChar = ""

ElseIf showpass.Value = "0" Then

txtPass.PasswordChar = "\*"

End If

End Sub

Private Sub cmdLog\_Click ()

If (optAd.Value = True) Then

If (txtSId.Text = "" And txtPass.Text = "") Then

MsgBox ("Please Enter Valid ID and Password")

Else

verify. Types = "admin"

Set rs = New adodb.Recordset

sql = "select username, pass from AdminLog where username='" & txtUser.Text & "'and npass='" & txtPass.Text & "' "

Set rs = con.Execute (sql)

If (rs.EOF orrs.EOF) Then

MsgBox ("Enter correct username and password")

Else

Unload Me

MDIForm1.Show

End If

End If

Else

If (Optus. Value = True) Then

If (txtUser.Text = "" And txtPass.Text = "") Then

MsgBox ("Please Enter Valid ID and Password")

Else

Verify. Types = "user"

Set rs = New adodb.Recordset

sql = "select username, pass from User Log where username='" & txtUser.Text & "'and npass='" & txtPass.Text & "' "

Set rs = con.Execute (sql)

If (rs.EOF Or rs.EOF) Then

MsgBox ("Enter correct username and password")

Else

Unload Me

MDIForm1.Show

End If

End If

End If

End If

End Sub

Private Sub cmdForget\_Click ()

If optAd.Value = True Then

Verify. Types = "admin"

End If

If Optus. Value = True Then

Verify. Types = "user"

End If

Verification. Show

End Sub

Private Sub Form Load ()

Me.Left = (Screen. Width - Me.Width) / 2

Me.Top = (Screen.Height - Me.Height) / 2

Picture1.Visible = False

Picture2.Visible = False

Label1.Visible = False

Label2.Visible = False

txtUser.Visible = False

txtPass.Visible = False

cmdLog.Visible = False

cmdCancel.Visible = False

showpass.Visible = False

cmdForget.Visible = False

Connection

Set rs = New adodb.Recordset

Sql = " select \* from AdminLog"

Set rs = con.Execute (sql)

If rs.EOF Or rs.EOF Then

Unload Me

User. Show

End If

End Sub

Private Sub optAd\_Click ()

verify.us = "u"

Picture1.Visible = True

Picture2.Visible = True

Label1.Visible = True

Label2.Visible = True

txtUser.Visible = True

txtPass.Visible = True

cmdLog.Visible = True

cmdCancel.Visible = True

showpass.Visible = True

cmdForget.Visible = True

If (optAd.Value = True) Then

txtSId.SetFocus

End If

End Sub

Private Sub optAd\_Click ()

verify.us = ""

Picture1.Visible = True

Picture2.Visible = True

Label1.Visible = True

Label2.Visible = True

txtUser.Visible = True

txtPass.Visible = True

cmdLog.Visible = True

cmdCancel.Visible = True

showpass.Visible = True

cmdForget.Visible = True

If (Optus. Value = True) Then

txtSId.SetFocus

End If

End Sub

Private Sub txtUser\_KeyPress (KeyAscii as Integer)

If KeyAscii = 13 Then

txtPass.SetFocus

End If

End Sub

Private Sub txtUser\_LostFocus ()

txtUser.Text = UCase (txtUser.Text)

End Sub

'Private Sub txtPass\_LostFocus ()

'txtPass.Text = UCase (txtPass.Text)

'End Sub

Private Sub txtPass\_KeyPress (KeyAscii as Integer)

If KeyAscii = 13 Then

cmdLog.SetFocus

End If

End Sub

1. **FORGATE PASSWORD FORM:**

Dim receive As String

Dim subject As String

Dim message As String

Dim oSmtp As New EASendMailObjLib.Mail

Private Sub Command1\_Click ()

If Text1.Text = "" Then

MsgBox "Please valid ID!”VbCritical, "Validation"

Text1.SetFocus

ElseIf Text2.Text = "" Then

MsgBox "Please valid Email!", vbCritical, "Validation"

Text2.SetFocus

ElseIf Option1.Value = False and Option2.Value = False Then

MsgBox ("please select Option")

Option1.SetFocus

Else

If Option1.Value = True Then

If verify. Types = "admin" Then

Set rs = New adodb.Recordset

Sql = "select \* from AdminLog where User\_id='" & Text1.Text & "' and email='" & Text2.Text & "' "

Set rs = con.Execute (sql)

If rs.EOF Or rs.EOF Then

MsgBox "User NOT FOUND!", vbCritical, "Validation"

Else

Verify. Fid = Text1.Text

Form2.Show

Unload Me

End If

Else

If verify. Types = "user" Then

Set rs = New adodb.Recordset

sql = "select \* from User Log where User\_id='" & Text1.Text & "' and email='" & Text2.Text & "' "

Set rs = con.Execute (sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

verify.vfid = Text1.Text

Form2.Show

Unload Me

End If

End If

End If

Else

'MsgBox ("Admin can change Offline password")

'Text1.SetFocus

'End If

If Option2.Value = True Then

If verify. Types = "admin" Then

Set rs = New adodb.Recordset

sql = "select \* from AdminLog where userid='" & Text1.Text & "' and email='" & Text2.Text & "' "

Set rs = con.Execute (sql)

If rs.EOF or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

'Dim receive As String

'Dim subject As String

'Dim message As String

'If Text1.Text = "raj Kumar" And Text2.Text = "enter your email" Then

verify.id = Text1.Text

verify.em = Text2.Text

Randomize

verify.random = randnum (999, 9999)

'Label5.Caption = random

receive = verify.em

subject = verify.id

message = verify.random

'Dim oSmtp As New EASendMailObjLib.Mail

oSmtp.LicenseCode = "TryIt"

' Set your sender email address

oSmtp.FromAddr = "manishraimanish36@gmail.com"

' Add recipient email address

oSmtp.AddRecipientEx receive, 0

' Set email subject

oSmtp.subject = subject

' Set email body

oSmtp.BodyText = message

' If oSmtp.AddAttachment("") <> 0 Then

'MsgBox ("Your file has error . Try again") open and copy the path then copy paste here then it will work

' Your SMTP server address

oSmtp.ServerAddr = "smtp.gmail.com"

' User and password for ESMTP authentication, if your server doesn't require

' User authentication, please remove the following codes.

oSmtp.UserName = "manishraimanish36@gmail.com"

oSmtp.Password = "Manish11"

oSmtp.ServerPort = 465

' If your smtp server requires SSL connection, please add this line

oSmtp.SSL\_init

MsgBox "start to send email ..."

If oSmtp.SendMail() = 0 Then

MsgBox "email was sent successfully!"

verify.vfid = Text1.Text

Form1.Show

Unload Me

Else

MsgBox "failed to send email with the following error:" &oSmtp.GetLastErrDescription ()

End If

'Else

'MsgBox ("Please Enter Your id and Email")

'Text1.SetFocus

End If

Else

If verify. Types = "user" Then

Set rs = New adodb.Recordset

sql = "select \* from UserLog where User\_id='" & Text1.Text & "' and email='" & Text2.Text & "' "

Set rs = con.Execute (sql)

If rs.EOF or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

verify.id = Text1.Text

verify.em = Text2.Text

Randomize

verify.random = randnum (999, 9999)

'Label5.Caption = random

receive = verify.em

subject = verify.id

message = verify.random

'Dim oSmtp As New EASendMailObjLib.Mail

oSmtp.LicenseCode = "TryIt"

' Set your sender email address

oSmtp.FromAddr = "manishraimanish36@gmail.com"

' Add recipient email address

oSmtp.AddRecipientEx receive, 0

' Set email subject

oSmtp.subject = subject

' Set email body

oSmtp.BodyText = message

' If oSmtp.AddAttachment("") <> 0 Then

'MsgBox ("Your file has error . Try again") open and copy the path then copy paste here then it will work

' Your SMTP server address

oSmtp.ServerAddr = "smtp.gmail.com"

' User and password for ESMTP authentication, if your server doesn't require

' User authentication, please remove the following codes.

oSmtp.UserName = "manishraimanish36@gmail.com"

oSmtp.Password = "Manish11"

oSmtp.ServerPort = 465

' If your smtp server requires SSL connection, please add this line

oSmtp.SSL\_init

MsgBox "start to send email ..."

If oSmtp.SendMail() = 0 Then

MsgBox "email was sent successfully!"

verify.vfid = Text1.Text

Form1.Show

Unload Me

Else

MsgBox "failed to send email with the following error:" & oSmtp.GetLastErrDescription()

End If

'Else

'MsgBox ("Please Enter Your id and Email")

'Text1.SetFocus

End If

End If

End If

'Else

'MsgBox "Select option"

End If

End If

End If

End Sub

Private Sub Command1\_GotFocus()

If isEmail(Text2.Text) = True Then

Command1.SetFocus

Else

MsgBox ("invalid email")

Text2.SetFocus

End If

End Sub

Private Sub Command2\_Click()

Unload Me

End Sub

Private Sub Form\_Load()

Randomize

connection

Option1.Enabled = False

If verify.us = "u" Then

Option1.Enabled = True

End If

End Sub

Function randnum (ByVal lower As Integer, ByVal upper As Integer) As Integer

randnum = Int((upper - lower + 1) ^ Rnd + lower)

End Function

Private Sub Text1\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

Text2.SetFocus

End If

End Sub

Private Sub Text2\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

Command1.SetFocus

End If

End Sub

Private Sub Text1\_LostFocus()

Text1.Text = UCase(Text1.Text)

End Sub

Private Sub Text2\_LostFocus()

Text2.Text = UCase(Text2.Text)

End Sub

1. **OTP MATCH FORM :**

Private Sub Command1\_Click()

Dim num As Integer

num = verify.random

If (Text1.Text = num) Then

MsgBox ("You have matched successfully")

Form2.Show

Unload Me

Else

MsgBox ("Wrong matching")

End If

End Sub

Private Sub Text1\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

Command1.SetFocus

End If

End Sub

1. **CONFIRM PASSWORD FORM**

Private Sub Command1\_Click()

If Text1.Text = "" Then

MsgBox (" NOT vallid")

Text1.SetFocus

ElseIf Text2.Text = "" Then

MsgBox (" NOT valid")

Text2.SetFocus

ElseIf Text1.Text <> Text2.Text Then

MsgBox ("ENTER valid Password")

Text1.SetFocus

Else

Dim ename As String

ename = verify.vfid

If verify.types = "admin" Then

'Dim ename As String

'ename = verify.vfid

Set rs = New adodb.Recordset

sql = "update AdminLog set npass='" & Text1.Text & "',cpass='" & Text2.Text & "' where userid='" & ename & "' "

Set rs = con.Execute(sql)

'If rs.EOF Or rs.BOF Then

'MsgBox "Data not Found!", vbCritical, "Validation"

'Else

MsgBox "Data Updated!", vbCritical, "Validation"

loginForm.Show

Unload Me

'End If

Else

Set rs = New adodb.Recordset

sql = "update UserLog set npass='" & Text1.Text & "',cpass='" & Text2.Text & "' where userid= '" & verify.vfid & "' "

Set rs = con.Execute(sql)

'If rs.EOF Or rs.BOF Then

'MsgBox "Data not Found!", vbCritical, "Validation"

'End If

MsgBox "Data Updated!", vbCritical, "Validation"

loginForm.Show

Unload Me

End If

End If

End Sub

Private Sub Command2\_Click()

Unload Me

End Sub

Private Sub Form\_Load()

connection

End Sub

Private Sub Text1\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

Text2.SetFocus

End If

End Sub

Private Sub Text2\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

Command1.SetFocus

End If

End Sub

1. **MDI FORM**

Private Sub aboutus\_Click()

COMPANYDETAILS.Show

End Sub

Private Sub addcustomer\_Click()

custID.Show

End Sub

Private Sub addproduct\_Click()

prd.Show

End Sub

Private Sub addsupplier\_Click()

frmsupplier.Show

End Sub

Private Sub ademployee\_Click()

employeed.Show

End Sub

Private Sub changepass\_Click()

verification.Show

End Sub

Private Sub Command1\_Click()

user.Show

End Sub

Private Sub Command10\_Click()

EMPSAL.Show

End Sub

Private Sub Command11\_Click()

frmsupplier.Show

End Sub

Private Sub Command12\_Click()

employeed.Show

End Sub

Private Sub Command13\_Click()

REPORTDET.Show

End Sub

Private Sub Command14\_Click()

loginForm.Show

Unload Me

End Sub

Private Sub Command2\_Click()

prd.Show

End Sub

Private Sub Command3\_Click()

orderp.Show

End Sub

Private Sub Command4\_Click()

STOCKP.Show

End Sub

Private Sub Command5\_Click()

salep.Show

End Sub

Private Sub createuser\_Click()

user.Show

End Sub

Private Sub exit\_Click()

End

End Sub

Private Sub customerdet\_Click()

Set DataReport6.DataSource = DataEnvironment1

DataReport6.BottomMargin = 0

DataReport6.LeftMargin = 0

DataReport6.RightMargin = 0

DataReport6.TopMargin = 0

DataEnvironment1.Command6

DataReport6.Show

DataReport6.Refresh

DataEnvironment1.rsCommand6.Close

End Sub

Private Sub dailyexpense\_Click()

FRMEXP.Show

End Sub

Private Sub empdetails\_Click()

REPORTDET.Show

End Sub

Private Sub help\_Click()

'Form3.Show

End Sub

Private Sub invoice\_Click()

billing.Show

End Sub

Private Sub logout\_Click()

loginForm.Show

MDIForm1.Hide

End Sub

Private Sub MDIform\_load()

Label1.Caption = Date

Label2.Caption = Time

MDIForm1.Picture = LoadPicture()

Me.Picture = LoadPicture()

If verify.types = "user" And administrator.Caption = "ADMINISTRATOR" Then

administrator.Enabled = False

Command1.Enabled = False

End If

Label3.Caption = Label3.Caption & Space(30)

Timer2.Enabled = True

Timer2.Interval = 300

If verify.types = "user" And report.Caption = "REPORT" Then

report.Enabled = False

Command13.Enabled = False

End If

If verify.types = "user" And employee.Caption = "EMPLOYEE" Then

employee.Enabled = False

Command12.Enabled = False

End If

End Sub

Private Sub orderdet\_Click()

REPORTDET.Show

End Sub

Private Sub orderprd\_Click()

orderp.Show

End Sub

Private Sub paymentd\_Click()

ordpayment.Show

End Sub

Private Sub product\_Click()

prd.Show

End Sub

Private Sub ordpayment\_Click()

End Sub

Private Sub ordpay\_Click()

ordpayment.Show

End Sub

Private Sub pendingprd\_Click()

frmpending.Show

End Sub

Private Sub productdet\_Click()

Set DataReport8.DataSource = DataEnvironment1

DataReport8.BottomMargin = 0

DataReport8.LeftMargin = 0

DataReport8.RightMargin = 0

DataReport8.TopMargin = 0

DataEnvironment1.Command8

DataReport8.Show

DataReport8.Refresh

DataEnvironment1.rsCommand8.Close

End Sub

Private Sub report\_Click()

REPORTDET.Show

End Sub

Private Sub salary\_Click()

EMPSAL.Show

End Sub

Private Sub saleprd\_Click()

salep.Show

End Sub

Private Sub status\_Click()

frmstatus.Show

End Sub

Private Sub stock\_Click()

STOCKP.Show

End Sub

Private Sub stockdet\_Click()

REPORTDET.Show

End Sub

Private Sub suplied\_Click()

SUPPLIEDP.Show

End Sub

Private Sub supplierdetails\_Click()

'DataReport3.Show

Set DataReport7.DataSource = DataEnvironment1

DataReport7.BottomMargin = 0

DataReport7.LeftMargin = 0

DataReport7.RightMargin = 0

DataReport7.TopMargin = 0

DataEnvironment1.Command7

DataReport7.Show

DataReport7.Refresh

DataEnvironment1.rsCommand7.Close

End Sub

Private Sub Timer1\_Timer()

Label1.Caption = Date

Label2.Caption = Time

End Sub

Private Sub Timer2\_Timer()

Dim str As String

str = MDIForm1.Label3.Caption

str = Mid$(str, 2, Len(str)) + Left(str, 1)

MDIForm1.Label3.Caption = str

End Sub

ADMINISTRATION UNIT

1. **ACCOUNT AND PASSWORD FORM**

Dim sql As String

Private Sub Command2\_Click()

Unload Me

End Sub

Private Sub cmbSearch\_Click()

If optAd.Value = True Then

Set rs = New adodb.Recordset

sql = "select \* from AdminLog where userid = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

txtUId.Enabled = False

txtUId.Text = rs.Fields(0) & ""

txtUName.Text = rs.Fields(1) & ""

cmbType.Text = rs.Fields(2) & ""

txtEmail.Text = rs.Fields(3) & ""

txtPass.Text = rs.Fields(4) & ""

txtCpass.Text = rs.Fields(5) & ""

cmdSave.Enabled = False

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

End If

End If

If optUs.Value = True Then

Set rs = New adodb.Recordset

sql = "select \* from UserLog where userid = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

txtUId.Enabled = False

txtUId.Text = rs.Fields(0) & ""

txtUName.Text = rs.Fields(1) & ""

cmbType.Text = rs.Fields(2) & ""

txtEmail.Text = rs.Fields(3) & ""

txtPass.Text = rs.Fields(4) & ""

txtCpass.Text = rs.Fields(5) & ""

cmdSave.Enabled = False

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

End If

End If

End Sub

Private Sub cmdCancel\_Click()

Unload Me

End Sub

Private Sub cmdDelete\_Click()

Aa = MsgBox("are you sure to delete?", vbYesNo, "Question")

If Aa = vbYes Then

If txtUId.Text = "" Then

MsgBox "Enter User ID", vbInformation, "Validation"

Else

If cmbType.Text = "ADMIN" Then

connection

Set rs = New adodb.Recordset

sql = "select userid from AdminLog where userid = '" & txtUId.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

sql = "Delete from AdminLog where userid = '" & txtUId.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Deleted Successfull!", vbInformation, "Validation"

cmbSearch.Clear

Set rs = New adodb.Recordset

sql = "select \* from AdminLog"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

cmdNew\_Click

End If

End If

If cmbType.Text = "USER" Then

connection

Set rs = New adodb.Recordset

sql = "select userid from UserLog where userid = '" & txtUId.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

sql = "Delete from UserLog where userid = '" & txtUId.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Deleted Successfull!", vbInformation, "Validation"

cmbSearch.Clear

Set rs = New adodb.Recordset

sql = "select \* from AdminLog"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

cmdNew\_Click

End If

End If

End If

Else

cmdSave.Enabled = 0

End If

End Sub

Private Sub cmdNew\_Click()

'cmbSearch.Enabled = False

cmdSave.Enabled = True

txtUId.Enabled = True

'txtUId.SetFocus

txtUId.Text = ""

txtUName.Text = ""

txtEmail.Text = ""

txtPass.Text = ""

txtCpass.Text = ""

End Sub

Private Sub cmdSave\_Click()

If txtUId.Text = "" Then

MsgBox "Enter User ID.!", vbInformation, "Validation"

txtUId.SetFocus

ElseIf txtUName.Text = "" Then

MsgBox "Enter Username!", vbInformation, "Validation"

txtUName.SetFocus

ElseIf cmbType.Text = "" Then

MsgBox "Choose User Type!", vbInformation, "Validation"

cmbType.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Email!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtPass.Text = "" Then

MsgBox "Enter Enter Password!", vbInformation, "Validation"

txtPass.SetFocus

ElseIf txtCpass.Text = "" Then

MsgBox "Enter Confirm Password!", vbInformation, "Validation"

txtCpass.SetFocus

ElseIf txtPass.Text <> txtCpass.Text Then

MsgBox "Enter Valid Password!", vbInformation, "Validation"

txtPass.SetFocus

Else

If cmbType.Text = "ADMIN" Then

Set rs = New adodb.Recordset

sql = "insert into AdminLog values('" & txtUId.Text & "','" & txtUName.Text & "','" & cmbType.Text & "','" & txtEmail.Text & "','" & txtPass.Text & "','" & txtCpass.Text & "' )"

Set rs = con.Execute(sql)

MsgBox ("Saved")

cmbSearch.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from AdminLog"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

Set rs = New adodb.Recordset

sql = " select \* from AdminLog where rownum <=0"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

Unload Me

loginForm.Show

End If

cmdNew\_Click

End If

If cmbType.Text = "USER" Then

sql = "insert into UserLog values('" & txtUId.Text & "','" & txtUName.Text & "','" & cmbType.Text & "','" & txtEmail.Text & "','" & txtPass.Text & "','" & txtCpass.Text & "' )"

Set rs = con.Execute(sql)

MsgBox ("Saved")

cmbSearch.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from UserLog"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

cmdNew\_Click

End If

End If

End Sub

Private Sub cmdUpdate\_Click()

If txtUId.Text = "" Then

MsgBox "Enter User ID.!", vbInformation, "Validation"

txtUId.SetFocus

ElseIf txtUName.Text = "" Then

MsgBox "Enter Username!", vbInformation, "Validation"

txtUName.SetFocus

ElseIf cmbType.Text = "" Then

MsgBox "Choose User Type!", vbInformation, "Validation"

cmbType.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Email!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtPass.Text = "" Then

MsgBox "Enter Enter Password!", vbInformation, "Validation"

txtPass.SetFocus

ElseIf txtCpass.Text = "" Then

MsgBox "Enter Confirm Password!", vbInformation, "Validation"

txtCpass.SetFocus

Else

If cmbType.Text = "ADMIN" Then

connection

Set rs = New adodb.Recordset

sql = "select userid from AdminLog where userid='" + txtUId.Text + "' and npass='" + txtPass.Text + "' and cpass='" + txtCpass.Text + "'"

Set rs = con.Execute(sql)

If (rs.EOF Or rs.BOF) Then

MsgBox ("Data Not updated")

Else

sql = "update AdminLog set userid = '" & txtUId.Text & "', username = '" & txtUName.Text & "',types = '" & cmbType.Text & "',email = '" & txtEmail.Text & "',npass= '" & txtPass.Text & "', cpass='" & txtCpass.Text & "' where userid = '" & txtUId.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Updates Successfully!", vbInformation, "Validation"

cmbSearch.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from AdminLog"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

cmdNew\_Click

End If

End If

If cmbType.Text = "USER" Then

connection

Set rs = New adodb.Recordset

sql = "select userid from UserLog where userid='" + txtUId.Text + "' and npass='" + txtPass.Text + "' and cpass='" + txtCpass.Text + "'"

Set rs = con.Execute(sql)

If (rs.EOF Or rs.BOF) Then

MsgBox ("Data Not updated")

Else

sql = "update UserLog set userid = '" & txtUId.Text & "', username = '" & txtUName.Text & "',types = '" & cmbType.Text & "',email = '" & txtEmail.Text & "',npass= '" & txtPass.Text & "', cpass='" & txtCpass.Text & "' where userid = '" & txtUId.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Updates Successfully!", vbInformation, "Validation"

cmbSearch.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from UserLog"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

cmdNew\_Click

End If

End If

End If

End Sub

Private Sub Form\_Load()

connection

cmbType.AddItem "ADMIN"

cmbType.AddItem "USER"

Set rs = New adodb.Recordset

sql = " select \* from AdminLog"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

cmbType.Clear

cmbType.AddItem "ADMIN"

End If

cmbSearch.Enabled = False

cmdUpdate.Enabled = False

cmdDelete.Enabled = False

End Sub

Private Sub optAd\_Click()

If optAd.Value = True Then

cmbSearch.Enabled = True

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

cmbSearch.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from AdminLog"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

End Sub

Private Sub optUs\_Click()

If optUs.Value = True Then

cmbSearch.Enabled = True

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

cmbSearch.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from UserLOG"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

End Sub

Private Sub txtUId\_LostFocus()

txtUId.Text = UCase(txtUId.Text)

End Sub

Private Sub txtUId\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtUName.SetFocus

End If

End Sub

Private Sub txtUName\_LostFocus()

txtUName.Text = UCase(txtUName.Text)

End Sub

Private Sub txtUName\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmbType.SetFocus

End If

End Sub

Private Sub cmbType\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtEmail.SetFocus

End If

End Sub

Private Sub txtEmail\_LostFocus()

txtEmail.Text = UCase(txtEmail.Text)

End Sub

Private Sub txtEmail\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtPass.SetFocus

End If

End Sub

Private Sub txtPass\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtCpass.SetFocus

End If

End Sub

1. **PRODUCT PURCHASE-SALE STATUS**

Private Sub Command1\_Click()

Dim I As Integer

Dim tot As Double

connection

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from tbleorder where orddate between '" & DTPicker1.Value & "'and '" & DTPicker2.Value & "'", con

Set DataGrid1.DataSource = rs

tot = 0

For I = 0 To DataGrid1.ApproxCount - 1

tot = tot + DataGrid1.Columns(16).CellValue(DataGrid1.GetBookmark(I))

Next

Label6.Caption = tot

End Sub

Private Sub Command2\_Click()

Dim I As Integer

Dim tot As Double

connection

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from sale where saledate between '" & DTPicker1.Value & "'and '" & DTPicker2.Value & "'", con

Set DataGrid2.DataSource = rs

tot = 0

For I = 0 To DataGrid2.ApproxCount - 1

tot = tot + DataGrid2.Columns(16).CellValue(DataGrid2.GetBookmark(I))

Next

Label7.Caption = tot

End Sub

Private Sub Command3\_Click()

Label10.Caption = Val(Label6.Caption)

Label12.Caption = Val(Label7.Caption)

Label13.Caption = Val(Label6.Caption) - Val(Label7.Caption)

If (Val(Label13.Caption) < Val(Label6.Caption)) Then

Label14.Caption = "LOSS"

Else

Label14.Caption = "PROFIT"

End If

End Sub

Private Sub Form\_Load()

DTPicker2.Value = Date

DTPicker4.Value = Date

End Sub

1. **DAILY EXPENSES FORM**

PURCHASE UNIT

1. **PRODUCT DETAILS FORM**

Private Sub cmdExit\_Click()

Me.Hide

End Sub

Private Sub cmbPType\_Click()

'cmbPType.Clear

'connection

'Set rs = New adodb.Recordset

'sql = "select \* from type"

'Set rs = con.Execute(sql)

'While rs.EOF = False

'cmbPType.AddItem rs.Fields(0)

'rs.MoveNext

'Wend

'Set rs = New adodb.Recordset

'sql = "select \* from type"

'Set rs = con.Execute(sql)

'If rs.EOF Or rs.BOF Then

'MsgBox "Please refresh!", vbCritical, "Validation"

'Else

'cmbPType.AddItem Fields(0) & ""

End Sub

Private Sub cmbPType\_GotFocus()

cmbPType.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from type"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbPType.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

Private Sub cmbType\_Click()

prodType.Show

End Sub

Private Sub cmdAddNew\_Click()

Frame1.Enabled = True

blankrecord

AutoPrdID

cmbComp.SetFocus

cmdSave.Enabled = True

cmdUpdate.Enabled = False

cmdDelete.Enabled = False

End Sub

Private Sub cmdDelete\_Click()

Aa = MsgBox("are you sure to delete?", vbYesNo, "Question")

If Aa = vbYes Then

If prdId.Text = "" Then

MsgBox "Enter Customer ID", vbInformation, "Validation"

Else

connection

Set rs = New adodb.Recordset

sql = "select prdid from addproduct where prdid = '" & prdId.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

sql = "Delete from addproduct where prdid = '" & prdId.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Deleted Successfull!", vbInformation, "Validation"

cmbSearch.Clear

Set rs = New adodb.Recordset

sql = "select \* from addproduct"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

cmdAddNew\_Click

End If

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from addproduct order by prdid asc", con

Set DataGrid1.DataSource = rs

End If

End Sub

Private Sub cmdSave\_Click()

If cmbComp.Text = "" Then

MsgBox "Enter Compny Name!", vbInformation, "Validation"

cmbComp.SetFocus

ElseIf cmbPType.Text = "" Then

MsgBox "Enter product type !", vbInformation, "Validation"

cmbPType.SetFocus

ElseIf prdModel.Text = "" Then

MsgBox "Enter produc model !", vbInformation, "Validation"

prdModel.SetFocus

ElseIf txtStorage.Text = "" Then

MsgBox "Enter storage No.!", vbInformation, "Validation"

txtStorage.SetFocus

ElseIf txtFcamera.Text = "" Then

MsgBox "Enter Camera!", vbInformation, "Validation"

txtCamera.SetFocus

ElseIf txtBcamera.Text = "" Then

MsgBox "Enter BackCamera!", vbInformation, "Validation"

txtBcamera.SetFocus

ElseIf txtRam.Text = "" Then

MsgBox "Enter Ram!", vbInformation, "Validation"

txtRam.SetFocus

ElseIf txtRom.Text = "" Then

MsgBox "Enter Rom Name!", vbInformation, "Validation"

txtRom.SetFocus

ElseIf txtProcessor.Text = "" Then

MsgBox "Enter Processor!", vbInformation, "Validation"

txtProcessor.SetFocus

ElseIf txtBattery.Text = "" Then

MsgBox "Enter Battery .!", vbInformation, "Validation"

txtBattery.SetFocus

ElseIf txtOs.Text = "" Then

MsgBox "Enter Os!", vbInformation, "Validation"

txtOs.SetFocus

ElseIf cmbNet.Text = "" Then

MsgBox "Enter Network.!", vbInformation, "Validation"

txtNetwork.SetFocus

ElseIf txtDisplay.Text = "" Then

MsgBox "Enter Display!", vbInformation, "Validation"

txtDisplay.SetFocus

'ElseIf IsNull(txtWeight.Text) Then

'MsgBox "Enter Weight!", vbInformation, "Validation"

'txtWeight.SetFocus

ElseIf (IsNumeric(txtWeight.Text) = False) And txtWeight.Text <> "" Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtWeight.SetFocus

ElseIf IsNull(txtColor.Text) Then

'MsgBox "Enter Color!", vbInformation, "Validation"

'txtColor.SetFocus

ElseIf cmbSim.Text = "" Then

MsgBox "Enter Sim slot.!", vbInformation, "Validation"

txtSimSlot.SetFocus

ElseIf txtMrp.Text = "" Then

MsgBox "Enter Price!", vbInformation, "Validation"

txtMrp.SetFocus

ElseIf txtTax.Text = "" Then

MsgBox "Enter Tax.!", vbInformation, "Validation"

txtTax.SetFocus

ElseIf txtTotal.Text = "" Then

MsgBox "Enter Total!", vbInformation, "Validation"

txtTotal.SetFocus

Else

Set rs = New adodb.Recordset

sql = "insert into addproduct values('" & prdId.Text & "','" & cmbComp.Text & "','" & cmbPType.Text & "','" & prdModel.Text & "'," & txtStorage.Text & ",'" & txtFcamera.Text & "'," & txtRam.Text & ",'" & txtProcessor.Text & "'," + txtBattery.Text + ",'" & txtOs.Text & "','" & cmbNet.Text & "'," + txtDisplay.Text + "," & txtWeight.Text & ",'" & IIf(IsNull(txtColor.Text), Null, txtColor.Text) & "','" & cmbSim.Text & "'," + txtMrp.Text + "," + txtTax.Text + "," + txtTotal.Text + ",'" & txtBcamera.Text & "'," & txtRom.Text & ")"

Set rs = con.Execute(sql)

'If (rs.EOF Or rs.BOF) Then

'MsgBox "Wrong(enough value)!", vbInformation, "Validation"

'Else

MsgBox "Record Inserted Successfully!", vbInformation, "Validation"

cmdAddNew\_Click

AutoPrdID

cmbSearch.Clear

Set rs = New adodb.Recordset

sql = "select \* from addproduct"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from addproduct order by prdid asc", con

Set DataGrid1.DataSource = rs

'End If

End Sub

Private Sub cmdSave\_GotFocus()

If (IsNumeric(txtStorage.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtStorage.SetFocus

ElseIf (IsNumeric(txtRam.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtRam.SetFocus

ElseIf (IsNumeric(txtRom.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtRom.SetFocus

ElseIf (IsNumeric(txtBattery.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtBattery.SetFocus

ElseIf (IsNumeric(txtDisplay.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtDisplay.SetFocus

ElseIf (IsNumeric(txtMrp.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtMrp.SetFocus

ElseIf (IsNumeric(txtTax.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtTax.SetFocus

ElseIf (IsNumeric(txtTotal.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtTotal.SetFocus

End If

If txtWeight.Text = "" Then

txtWeight.Text = "Null"

End If

End Sub

Private Sub cmdUpdate\_Click()

If cmbComp.Text = "" Then

MsgBox "Enter Compny Name!", vbInformation, "Validation"

prdComp.SetFocus

ElseIf cmbPType.Text = "" Then

MsgBox "Enter product Type!", vbInformation, "Validation"

prdType.SetFocus

ElseIf prdModel.Text = "" Then

MsgBox "Enter Product Model!", vbInformation, "Validation"

prdModel.SetFocus

ElseIf txtStorage.Text = "" Then

MsgBox "Enter Storage.!", vbInformation, "Validation"

txtStorage.SetFocus

ElseIf txtFcamera.Text = "" Then

MsgBox "Enter front camera!", vbInformation, "Validation"

txtFcamera.SetFocus

ElseIf txtBcamera.Text = "" Then

MsgBox "Enter back camera!", vbInformation, "Validation"

txtBcamera.SetFocus

ElseIf txtRam.Text = "" Then

MsgBox "Enter Ram!", vbInformation, "Validation"

txtRam.SetFocus

ElseIf txtRom.Text = "" Then

MsgBox "Enter Rom!", vbInformation, "Validation"

txtRom.SetFocus

ElseIf txtProcessor.Text = "" Then

MsgBox "Enter Processor!", vbInformation, "Validation"

txtProcessor.SetFocus

ElseIf txtBattery.Text = "" Then

MsgBox "Enter Battery.!", vbInformation, "Validation"

txtBattery.SetFocus

ElseIf txtOs.Text = "" Then

MsgBox "Enter Os!", vbInformation, "Validation"

txtOs.SetFocus

ElseIf cmbNet.Text = "" Then

MsgBox "Enter Network.!", vbInformation, "Validation"

cmbNet.SetFocus

ElseIf txtDisplay.Text = "" Then

MsgBox "Enter Display!", vbInformation, "Validation"

txtDisplay.SetFocus

'ElseIf txtWeight.Text = "" Then

'MsgBox "Enter Weight!", vbInformation, "Validation"

'txtWeight.SetFocus

'ElseIf txtColor.Text = "" Then

'MsgBox "Enter Color!", vbInformation, "Validation"

'txtColor.SetFocus

ElseIf cmbSim.Text = "" Then

MsgBox "Enter Sim slot.!", vbInformation, "Validation"

cmbSim.SetFocus

ElseIf txtMrp.Text = "" Then

MsgBox "Enter Price!", vbInformation, "Validation"

txtMrp.SetFocus

ElseIf txtTax.Text = "" Then

MsgBox "Enter Tax.!", vbInformation, "Validation"

txtTax.SetFocus

ElseIf txtTotal.Text = "" Then

MsgBox "Enter Total!", vbInformation, "Validation"

txtTotal.SetFocus

Else

Set rs = New adodb.Recordset

sql = "select prdid from addproduct where prdid='" + prdId.Text + "'"

Set rs = con.Execute(sql)

If (rs.EOF Or rs.BOF) Then

MsgBox ("Data Not updated")

Else

sql = "update addproduct set prdcomp = '" & cmbComp.Text & "', prdtype ='" & cmbPType.Text & "', prdmodel='" & prdModel.Text & "', storage=" & txtStorage.Text & ",camera='" & txtFcamera.Text & "',ram=" & txtRam.Text & ",processor='" & txtProcessor.Text & "',battery=" + txtBattery.Text + ",os='" & txtOs.Text & "',network='" & cmbNet.Text & "',display=" + txtDisplay.Text + ",weight=" + txtWeight.Text + ",color='" & txtColor.Text & "',simslot='" & cmbSim.Text & "',mrp=" + txtMrp.Text + ",tax=" + txtTax.Text + ",total=" + txtTotal.Text + ",bcamera='" + txtBcamera.Text + "',rom=" + txtRom.Text + " where prdid='" + prdId.Text + "'"

Set rs = con.Execute(sql)

MsgBox "Data Updated", vbInformation, "validation"

cmdAddNew\_Click

End If

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from addproduct order by prdid asc", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub cmbSearch\_Click()

connection

Set rs = New adodb.Recordset

sql = "select \* from addproduct where prdid = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

prdId.Text = rs.Fields(0) & ""

cmbComp.Text = rs.Fields(1) & ""

cmbPType.Text = rs.Fields(2) & ""

prdModel.Text = rs.Fields(3) & ""

txtStorage.Text = rs.Fields(4) & ""

txtFcamera.Text = rs.Fields(5) & ""

txtRam.Text = rs.Fields(6) & ""

txtProcessor.Text = rs.Fields(7) & ""

txtBattery.Text = rs.Fields(8) & ""

txtOs.Text = rs.Fields(9) & ""

cmbNet.Text = rs.Fields(10) & ""

txtDisplay.Text = rs.Fields(11) & ""

txtWeight.Text = rs.Fields(12) & ""

txtColor.Text = rs.Fields(13) & ""

cmbSim.Text = rs.Fields(14) & ""

txtMrp.Text = rs.Fields(15) & ""

txtTax.Text = rs.Fields(16) & ""

txtTotal.Text = rs.Fields(17) & ""

txtBcamera.Text = rs.Fields(18) & ""

txtRom.Text = rs.Fields(19) & ""

cmdSave.Enabled = False

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

End If

End Sub

Private Sub cmdUpdate\_GotFocus()

If (IsNumeric(txtStorage.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtStorage.SetFocus

ElseIf (IsNumeric(txtRam.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtRam.SetFocus

ElseIf (IsNumeric(txtRom.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtRom.SetFocus

ElseIf (IsNumeric(txtBattery.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtBattery.SetFocus

ElseIf (IsNumeric(txtDisplay.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtDisplay.SetFocus

ElseIf (IsNumeric(txtWeight.Text) = False) And txtWeight.Text <> "" Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtWeight.SetFocus

ElseIf (IsNumeric(txtMrp.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtMrp.SetFocus

ElseIf (IsNumeric(txtTax.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtTax.SetFocus

ElseIf (IsNumeric(txtTotal.Text) = False) Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtTotal.SetFocus

End If

If txtWeight.Text = "" Then

txtWeight.Text = "Null"

End If

End Sub

Private Sub Form\_Load()

connection

Set rs = New adodb.Recordset

sql = "select \* from addproduct"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from addproduct order by prdid asc", con

Set DataGrid1.DataSource = rs

connection

Set rs = New adodb.Recordset

sql = "select \* from type"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbPType.AddItem rs.Fields(0)

rs.MoveNext

Wend

connection

Set rs = New adodb.Recordset

sql = "select \* from suplier"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbComp.AddItem rs.Fields(1)

rs.MoveNext

Wend

cmbNet.AddItem "2g"

cmbNet.AddItem "3g"

cmbNet.AddItem "4g"

cmbSim.AddItem "serial"

cmbSim.AddItem "hybrid"

cmdSave.Enabled = False

cmdDelete.Enabled = False

cmdUpdate.Enabled = False

'txtWeight.Text = ""

End Sub

Public Function AutoPrdID()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(prdid,5,LENGTH(prdid)))) from addproduct"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

prdId.Text = "PRD0" & 1

Else

prdId.Text = "PRD0" & rs.Fields(0) + 1

End If

End Function

Private Sub prdId\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

prdComp.SetFocus

End If

End Sub

Private Sub prdId\_LostFocus()

prdId.Text = UCase(prdId.Text)

End Sub

Private Sub prdComp\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

prdType.SetFocus

End If

End Sub

Private Sub prdComp\_LostFocus()

prdComp.Text = UCase(prdComp.Text)

End Sub

Private Sub prdType\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

prdModel.SetFocus

End If

End Sub

Private Sub prdType\_LostFocus()

prdType.Text = UCase(prdType.Text)

End Sub

Private Sub prdModel\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtStorage.SetFocus

End If

End Sub

Private Sub prdModel\_LostFocus()

prdModel.Text = UCase(prdModel.Text)

End Sub

Private Sub txtStorage\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtFcamera.SetFocus

End If

End Sub

Private Sub txtFCamera\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtBcamera.SetFocus

End If

End Sub

Private Sub txtBcamera\_LostFocus()

txtBcamera.Text = UCase(txtBcamera.Text)

End Sub

Private Sub txtBcamera\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtRam.SetFocus

End If

End Sub

'Private Sub txtBcamera\_LostFocus()

'txtBcamera.Text = UCase(txtBcamera.Text)

'End Sub

Private Sub txtRam\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtRom.SetFocus

End If

End Sub

Private Sub txtRom\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtProcessor.SetFocus

End If

End Sub

Private Sub txtProcessor\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtBattery.SetFocus

End If

End Sub

Private Sub txtProcessor\_LostFocus()

txtProcessor.Text = UCase(txtProcessor.Text)

End Sub

Private Sub txtBattery\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtOs.SetFocus

End If

End Sub

Private Sub txtOs\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmbNet.SetFocus

End If

End Sub

Private Sub txtOs\_LostFocus()

txtOs.Text = UCase(txtOs.Text)

End Sub

Private Sub cmbNet\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtDisplay.SetFocus

End If

End Sub

Private Sub txtNetwork\_LostFocus()

txtNetwork.Text = UCase(txtNetwork.Text)

End Sub

Private Sub txtDisplay\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtWeight.SetFocus

End If

End Sub

Private Sub txtTax\_LostFocus()

gst = (Val(txtMrp.Text) \* (Val(txtTax.Text) / 100))

txtTax.Text = gst

End Sub

Private Sub txtTotal\_GotFocus()

tot = Val(txtMrp.Text) + Val(txtTax.Text)

txtTotal.Text = tot

End Sub

Private Sub txtWeight\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtColor.SetFocus

End If

End Sub

Private Sub txtColor\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmbSim.SetFocus

End If

End Sub

Private Sub txtColor\_LostFocus()

txtColor.Text = UCase(txtColor.Text)

End Sub

Private Sub cmbSim\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtMrp.SetFocus

End If

End Sub

Private Sub txtSimSlot\_LostFocus()

txtSimSlot.Text = UCase(txtSimSlot.Text)

End Sub

Private Sub txtMrp\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtTax.SetFocus

End If

End Sub

Private Sub txtTax\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtTotal.SetFocus

End If

End Sub

Private Sub txtTotal\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmdSave.SetFocus

End If

End Sub

Public Function blankrecord()

prdId.Text = ""

'cmbComp.Clear

'cmbPType.Text = ""

prdModel.Text = ""

txtStorage.Text = ""

txtFcamera.Text = ""

txtBcamera.Text = ""

txtRam.Text = ""

txtRom.Text = ""

txtProcessor.Text = ""

txtBattery.Text = ""

txtOs.Text = ""

'cmbNet.Text = ""

txtDisplay.Text = ""

txtWeight.Text = ""

txtColor.Text = ""

'txtSimSlot.Text = ""

txtMrp.Text = ""

txtTax.Text = ""

txtTotal.Text = ""

End Function

1. **ORDER PRODUCT FORM**

Private Sub cmbSupId\_Click()

connection

Set rs = New adodb.Recordset

sql = "select \* from suplier where supid = '" & cmbSupId.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

supName.Caption = rs.Fields(2) & ""

supComp.Caption = rs.Fields(1) & ""

supEmail.Caption = rs.Fields(3) & ""

supPhNo.Caption = rs.Fields(4) & ""

supAddress.Caption = rs.Fields(5) & ""

Text1.Text = supComp.Caption

End If

End Sub

Private Sub cmdAdd\_Click()

AutoOrdId

AutoSnoId

total = 0

txtPrice.Text = ""

txtQty.Text = ""

lbTax.Caption = ""

lbAmount.Caption = ""

cmdSave.Enabled = True

connection

Set rs = New adodb.Recordset

sql = "select distinct prdtype from addproduct"

Set rs = con.Execute(sql)

While rs.EOF = False

combCat.AddItem rs.Fields(0)

'combComp.AddItem rs.Fields(1)

'combModel.AddItem rs.Fields(3)

rs.MoveNext

Wend

'cmdOrder.Enabled = False

End Sub

Private Sub cmdExit\_Click()

combCat.Text = ""

'combComp.Text = ""

combModel.Text = ""

txtPrice.Text = ""

txtQty.Text = ""

lbTax.Caption = ""

lbAmount.Caption = ""

'txtadv.Text = ""

End Sub

Private Sub cmdOrder\_Click()

'txtOrdId.Enabled = True

Set rs = New adodb.Recordset

sql = "insert into tbleorder select \* from tbltemporder"

Set rs = con.Execute(sql)

MsgBox "Succeefully Ordered!", vbInformation, "Validation"

Set rs = New adodb.Recordset

sql = "delete from tbltemporder"

Set rs = con.Execute(sql)

Unload Me

ordpayment.Show

'AutoOrdId

'AutoSnoId

End Sub

Private Sub cmdSave\_Click()

If txtOrdId.Text = "" Then

MsgBox "Enter Order Id!", vbInformation, "Validation"

txtOrdId.SetFocus

ElseIf txtSno.Text = "" Then

MsgBox "Enter Serial no!", vbInformation, "Validation"

txtSno.SetFocus

ElseIf cmbSupId.Text = "" Then

MsgBox "select suplier id!", vbInformation, "Validation"

cmbSupId.SetFocus

ElseIf combCat.Text = "" Then

MsgBox "Choose Catagory!", vbInformation, "Validation"

combCat.SetFocus

ElseIf Text1.Text = "" Then

MsgBox "Choose Company!", vbInformation, "Validation"

Text1.SetFocus

ElseIf combModel.Text = "" Then

MsgBox "Choose Model!", vbInformation, "Validation"

combModel.SetFocus

ElseIf txtPrice.Text = "" Then

MsgBox "Enter Price!", vbInformation, "Validation"

txtPrice.SetFocus

ElseIf txtQty.Text = "" Then

MsgBox "Enter Quantity!", vbInformation, "Validation"

txtQty.SetFocus

ElseIf lbTax.Caption = "" Then

MsgBox "Enter Tax!", vbInformation, "Validation"

txtQty.SetFocus

ElseIf lbAmount.Caption = "" Then

MsgBox "Enter Amount!", vbInformation, "Validation"

txtQty.SetFocus

Else

Set rs = New adodb.Recordset

sql = "insert into tbltemporder values( '" & txtOrdId.Text & "'," & txtSno.Text & ", '" & Format(DTPicker1.Value, "dd/mmm/yyyy") & "','" & Format(DTPicker2.Value, "dd/mmm/yyyy") & "','" & cmbSupId.Text & "', '" & supComp.Caption & "','" & supName.Caption & "','" & supEmail.Caption & "'," & supPhNo.Caption & ",'" & supAddress.Caption & "','" & combCat.Text & "','" & Text1.Text & "','" & combModel.Text & "'," & txtPrice.Text & "," & txtQty.Text & "," & lbTax.Caption & "," & lbAmount.Caption & ")"

Set rs = con.Execute(sql)

MsgBox ("ORDER PRODUCT SAVED")

txtOrdId.Enabled = False

'cmdAdd\_Click

AutoSnoId

combCat.Clear

'combComp.Clear

combModel.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from addproduct"

Set rs = con.Execute(sql)

While rs.EOF = False

combCat.AddItem rs.Fields(2)

'combComp.AddItem rs.Fields(1)

'combModel.AddItem rs.Fields(3)

rs.MoveNext

Wend

cmdOrder.Enabled = True

End If

End Sub

Private Sub cmdSave\_GotFocus()

If Format(DTPicker1.Value, "dd/mmm/yyyy") > Format(DTPicker2.Value, "dd/mmm/yyyy") Then

MsgBox ("Enter valid date")

DTPicker1.SetFocus

Else

End If

End Sub

Private Sub combComp\_GotFocus()

'connection

'Set rs = New adodb.Recordset

'sql = "select \* from addproduct where prdType='" & combCat.Text & "' "

'Set rs = con.Execute(sql)

'While rs.EOF = False

'combComp.AddItem rs.Fields("prdcomp")

'rs.MoveNext

'Wend

End Sub

Private Sub combModel\_click()

connection

Set rs = New adodb.Recordset

sql = "select \* from addproduct where prdComp='" & Text1.Text & "' and prdType='" & combCat.Text & "' and prdModel = '" & combModel.Text & "' "

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "This is not available in your product information!", vbCritical, "Validation"

Else

combModel.Text = rs.Fields(3) & ""

txtPrice.Text = rs.Fields(15) & ""

lbTax.Caption = rs.Fields(16) & ""

'cmdSave.Enabled = False

'cmdUpdate.Enabled = True

'cmdDelete.Enabled = True

End If

txtQty.SetFocus

End Sub

Private Sub combModel\_GotFocus()

combModel.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from addproduct where prdtype='" & combCat.Text & "' and prdcomp='" & Text1.Text & "' "

Set rs = con.Execute(sql)

While rs.EOF = False

combModel.AddItem rs.Fields("prdmodel")

rs.MoveNext

Wend

End Sub

Public Function AutoSnoId()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(sno,0,LENGTH(sno)))) from tbltemporder"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtSno.Text = " " & 1

Else

txtSno.Text = " " & rs.Fields(0) + 1

End If

End Function

Public Function AutoOrdId()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(ordid,6,LENGTH(ordid)))) from tbleorder"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtOrdId = "ORD00" & 1

Else

txtOrdId = "ORD00" & rs.Fields(0) + 1

End If

End Function

Private Sub Command1\_Click()

frmsupplier.Show

End Sub

Private Sub Form\_Load()

DTPicker1.Value = Date

DTPicker2.Value = Date

cmdSave.Enabled = False

'cmdOrder.Enabled = False

'cmdDelete.Enabled = False

connection

Set rs = New adodb.Recordset

sql = "select \* from suplier"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSupId.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

'Public Function ref()

'cmdSave.Enabled = False

'cmdOrder.Enabled = False

'cmdDelete.Enabled = False

'connection

'Set rs = New adodb.Recordset

'sql = "select \* from suplier"

'Set rs = con.Execute(sql)

'While rs.EOF = False

'combName.AddItem rs.Fields(0)

'rs.MoveNext

'Wend

'End Function

Private Sub txtCancel\_Click()

Set rs = New adodb.Recordset

sql = "delete from tbltemporder"

Set rs = con.Execute(sql)

AutoOrdId

AutoSnoId

End Sub

Private Sub txtQty\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

lbAmount.Caption = Val(txtPrice.Text) \* Val(txtQty.Text) + Val(lbTax.Caption)

End If

End Sub

Private Sub txtQty\_LostFocus()

If IsNumeric(txtQty.Text) Then

lbAmount.Caption = Val(txtPrice.Text) \* Val(txtQty.Text) + Val(lbTax.Caption)

verify.total = verify.total + Val(lbAmount.Caption)

lbTotal.Caption = verify.total

Else

MsgBox ("Only Numeric Value")

End If

End Sub

1. **ORDER PAYMENT FORM**

Private Sub cmbOId\_Click()

'Combo1.Text = cmbOId.Text

If Option2.Value = True Then

Set rs = New adodb.Recordset

sql = "select \* from ordpay where ordid = '" & cmbOId.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

lbSupName.Caption = rs.Fields(3) & ""

lbAmount.Caption = rs.Fields(2) & ""

txtAdv.Text = rs.Fields(4) & ""

lbDues.Caption = rs.Fields(5) & ""

End If

End If

If Option1.Value = True Then

connection

Set rs = New adodb.Recordset

sql = "select \* from tbleorder where ordid = '" & cmbOId.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

lbSupName.Caption = rs.Fields(6) & ""

'lbamount.Caption = verify.total

End If

Set rs = New adodb.Recordset

sql = "select sum(ordamount) as grandtotal from tbleorder where ordid='" & cmbOId.Text & "'"

Set rs = con.Execute(sql)

lbAmount.Caption = rs.Fields("grandtotal")

'sql = "sum (ordamount) where ordid='" & cmbOId.Text & "'"

'Set rs = con.Execute(sql)

'lbAmount.Caption = sp

End If

End Sub

Private Sub cmdPay\_Click()

If IsNumeric(txtAdv.Text) Then

Else

MsgBox ("Valid amount")

'txtAdv.SetFocus

End If

'If Option1.Value = True Then

' If Val(txtAdv.Text) > Val(lbAmount.Caption) Then

'MsgBox ("Enter Valid Pyament")

'txtAdv.SetFocus

'Else

'lbDues.Caption = Val(lbAmount.Caption) - Val(txtAdv.Text)

'DTPicker1.SetFocus

'End If

'End If

'If Option2.Value = True Then

'If Val(txtDues.Text) > Val(lbDues.Caption) Then

'MsgBox ("Enter Valid Pyament")

'txtDues.SetFocus

'Else

'lbDues.Caption = Val(lbAmount.Caption) - (Val(txtDues.Text) + Val(txtAdv.Text))

'txtDues.Text = Val(txtDues.Text) + Val(txtAdv.Text)

'DTPicker1.SetFocus

'End If

'End If

If Option1.Value = True Then

If IsNumeric(txtAdv.Text) Then

Else

txtAdv.SetFocus

End If

If cmbOId.Text = "" Then

MsgBox "select Order Id!", vbInformation, "Validation"

cmbOId.SetFocus

ElseIf txtAdv.Text = "" Then

MsgBox "Enter Advance !", vbInformation, "Validation"

txtAdv.SetFocus

ElseIf Val(txtAdv.Text) > Val(lbAmount.Caption) Then

MsgBox ("Enter Valid Pyament")

txtAdv.SetFocus

Else

lbDues.Caption = Val(lbAmount.Caption) - Val(txtAdv.Text)

DTPicker1.SetFocus

Set rs = New adodb.Recordset

sql = "select \* from ordpay where ordid='" & cmbOId.Text & "' "

Set rs = con.Execute(sql)

If rs.EOF Then

Set rs = New adodb.Recordset

sql = "insert into ordpay values('" + cmbOId.Text + "','" + Format(DTPicker1.Value, "dd/mmmm/yyyy") + "'," + lbAmount.Caption + ",'" + lbSupName.Caption + "'," + txtAdv.Text + "," + lbDues.Caption + " )"

Set rs = con.Execute(sql)

'If rs.EOF Or rs.BOF Then

'MsgBox ("Enter valid order id")

'Else

MsgBox ("Payment Done")

'End If

Else

MsgBox ("Id already exits")

cmbOId.SetFocus

End If

End If

End If

If Option2.Value = True Then

If IsNumeric(txtDues.Text) Then

Else

txtDues.SetFocus

End If

If cmbOId.Text = "" Then

MsgBox "select Order Id!", vbInformation, "Validation"

cmbOId.SetFocus

ElseIf txtDues.Text = "" Then

MsgBox "Enter Advance !", vbInformation, "Validation"

txtDues.SetFocus

ElseIf Val(txtDues.Text) > Val(lbDues.Caption) Then

MsgBox ("Enter Valid Pyament")

txtDues.SetFocus

Else

lbDues.Caption = Val(lbAmount.Caption) - (Val(txtDues.Text) + Val(txtAdv.Text))

txtDues.Text = Val(txtDues.Text) + Val(txtAdv.Text)

'DTPicker1.SetFocus

'End If

Set rs = New adodb.Recordset

sql = "update ordpay set paydate= '" + Format(DTPicker1.Value, "dd/mmmm/yyyy") + "', total= " + lbAmount.Caption + ", supname='" + lbSupName.Caption + "',advance= " + txtDues.Text + ",dues= " + lbDues.Caption + " where ordid='" & cmbOId.Text & "' "

Set rs = con.Execute(sql)

MsgBox ("Payment done")

End If

End If

'End If

End Sub

Private Sub Command1\_Click()

Set DataReport1.DataSource = DataEnvironment1

DataReport1.BottomMargin = 0

DataReport1.LeftMargin = 0

DataReport1.RightMargin = 0

DataReport1.TopMargin = 0

DataEnvironment1.Command1 cmbOId.Text

DataReport1.Show

DataReport1.Refresh

DataEnvironment1.rsCommand1.Close

End Sub

Private Sub Form\_Load()

'cmdPay.Enabled = False

cmbOId.Clear

connection

Set rs = New adodb.Recordset

sql = "select distinct ordid from tbleorder"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbOId.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

Private Sub Option1\_Click()

If Option1.Value = True Then

txtDues.Enabled = False

txtAdv.Enabled = True

End If

End Sub

Private Sub Option2\_Click()

If Option2.Value = True Then

txtAdv.Enabled = False

txtDues.Enabled = True

End If

End Sub

'Private Sub txtDues\_LostFocus()

'If Val(txtDues.Text) > Val(lbDues.Caption) Then

'MsgBox ("Enter Valid Pyament")

'txtDues.SetFocus

'Else

'lbDues.Caption = Val(lbAmount.Caption) - (Val(txtDues.Text) + Val(txtAdv.Text))

'txtDues.Text = Val(txtDues.Text) + Val(txtAdv.Text)

'DTPicker1.SetFocus

'End If

'End Sub

'Private Sub txtDues\_KeyPress(KeyAscii As Integer)

'If KeyAscii = 13 Then

'If Val(txtDues.Text) > Val(lbDues.Caption) Then

'MsgBox ("Enter Valid Pyament")

'txtDues.SetFocus

'Else

'lbDues.Caption = Val(lbAmount.Caption) - (Val(txtDues.Text) + Val(txtAdv.Text))

'txtDues.Text = Val(txtDues.Text) + Val(txtAdv.Text)

'DTPicker1.SetFocus

'End If

'End If

'End Sub

1. **SUPPLIED PRODUCT FORM**

Public Function AutoPNo()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(prdno,0,LENGTH(prdno)))) from supplied"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtPNo.Text = " " & 1

Else

txtPNo.Text = " " & rs.Fields(0) + 1

End If

End Function

'Private Sub cmbComp\_GotFocus()

'Set rs = New adodb.Recordset

'sql = "select distinct prdcomp from addproduct where prdType='" & cmbType.Text & "' "

'sql = "select distinct prdcomp from tbleorder where prdType= '" & cmbType.Text & "' "

'Set rs = con.Execute(sql)

'While rs.EOF = False

'cmbComp.AddItem rs.Fields("prdcomp")

'rs.MoveNext

'Wend

'End Sub

Private Sub cmbModel\_GotFocus()

cmbModel.Clear

connection

Set rs = New adodb.Recordset

sql = "select distinct prdmodel from tbleorder where prdcomp='" & cmbComp.Text & "' and prdtype= '" & cmbType.Text & "' and ordid= '" & cmbOId.Text & "' "

Set rs = con.Execute(sql)

While rs.EOF = False

cmbModel.AddItem rs.Fields("prdmodel")

rs.MoveNext

Wend

End Sub

Private Sub cmbOId\_Click()

cmbType.Clear

connection

Set rs = New adodb.Recordset

sql = "select distinct prdtype from tbleorder where ordid= '" & cmbOId.Text & "' "

Set rs = con.Execute(sql)

While rs.EOF = False

cmbType.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

Private Sub cmbType\_Click()

cmbComp.Clear

connection

Set rs = New adodb.Recordset

sql = "select distinct prdcomp from tbleorder where prdType= '" & cmbType.Text & "' and ordid='" & cmbOId.Text & "' "

Set rs = con.Execute(sql)

While rs.EOF = False

cmbComp.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

Private Sub cmdAdd\_Click()

cmbOId.Enabled = True

cmbType.Enabled = True

cmbComp.Enabled = True

cmbModel.Enabled = True

txtImei.Text = True

AutoPNo

txtImei.Text = ""

cmbType.Clear

cmbComp.Clear

cmbModel.Clear

connection

cmdSave.Enabled = True

End Sub

Private Sub cmdExit\_Click()

Unload Me

End Sub

Private Sub cmdSave\_Click()

If txtPNo.Text = "" Then

MsgBox "Enter Product No Id!", vbInformation, "Validation"

txtPNo.SetFocus

ElseIf cmbType.Text = "" Then

MsgBox "Enter Product Type!", vbInformation, "Validation"

cmbType.SetFocus

ElseIf cmbComp.Text = "" Then

MsgBox "Enter Product company!", vbInformation, "Validation"

cmbComp.SetFocus

ElseIf cmbModel.Text = "" Then

MsgBox "Enter Product Model!", vbInformation, "Validation"

cmbModel.SetFocus

ElseIf txtImei.Text = "" Then

MsgBox "Enter Product IMEI no!", vbInformation, "Validation"

txtImei.SetFocus

Else

Set rs = New adodb.Recordset

sql = "select imeino from supplied where imeino='" & txtImei.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Then

Else

MsgBox "IMEI will be different!", vbCritical, "Validation"

txtImei.SetFocus

End If

Set rs = New adodb.Recordset

sql = "insert into supplied values( '" & txtPNo.Text & "','" & cmbOId.Text & "','" & Format(DTPicker1.Value, "dd/mmm/yyyy") & "','" & cmbType.Text & "','" & cmbComp.Text & "','" & cmbModel.Text & "','" & txtImei.Text & "')"

Set rs = con.Execute(sql)

MsgBox ("Data Inserted")

cmdAdd\_Click

cmbType.Clear

cmbComp.Clear

cmbModel.Clear

connection

Set rs = New adodb.Recordset

sql = "select distinct prdtype from addproduct"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbType.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from supplied", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub Command1\_Click()

ordpayment.Show

End Sub

Private Sub Form\_Load()

cmbOId.Enabled = False

cmbType.Enabled = False

cmbComp.Enabled = False

cmbModel.Enabled = False

txtImei.Text = False

AutoPNo

txtImei.Text = ""

cmdSave.Enabled = False

'cmdStock.Enabled = False

cmbType.Clear

connection

Set rs = New adodb.Recordset

sql = "select distinct ordid from tbleorder"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbOId.AddItem rs.Fields(0)

rs.MoveNext

Wend

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from supplied", con

Set DataGrid1.DataSource = rs

End Sub

INVENTORY (STOCK) UNIT

1. **STOCK FORM**

Private Sub cmbComp\_Click()

connection

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from supplied where comp='" & cmbComp.Text & "'", con

Set DataGrid1.DataSource = rs

lbItem.Caption = cmbComp.Text

Label9.Caption = DataGrid1.VisibleRows

End Sub

Private Sub cmbModel\_Click()

connection

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from supplied where model='" & cmbModel.Text & "'", con

Set DataGrid1.DataSource = rs

lbItem.Caption = cmbModel.Text

Label9.Caption = DataGrid1.VisibleRows

End Sub

Private Sub cmbType\_Click()

connection

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from supplied where type='" & cmbType.Text & "'", con

Set DataGrid1.DataSource = rs

lbItem.Caption = cmbType.Text

Label9.Caption = DataGrid1.VisibleRows

End Sub

Private Sub Form\_Load()

connection

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from supplied", con

Set DataGrid1.DataSource = rs

connection

Set rs = New adodb.Recordset

sql = "select distinct type ,comp, model from supplied "

Set rs = con.Execute(sql)

While rs.EOF = False

cmbType.AddItem rs.Fields(0)

cmbModel.AddItem rs.Fields(2)

rs.MoveNext

Wend

Set rs = New adodb.Recordset

sql = "select distinct comp from supplied "

Set rs = con.Execute(sql)

While rs.EOF = False

cmbComp.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

1. **PENDING PRODUCT**

Private Sub cmbModel\_Click()

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from tbleorder where ordid='" & Combo1.Text & "' and prdmodel='" & cmbModel.Text & "' order by ordid asc", con

Set DataGrid1.DataSource = rs

Label2.Caption = rs.Fields(14)

connection

Dim r As Integer

r = 0

connection

Set rs = New adodb.Recordset

sql = "select \* from supplied where ordpid='" & Combo1.Text & "' and model='" & cmbModel.Text & "' "

Set rs = con.Execute(sql)

If Not rs.EOF Then

r = r + 1

End If

'Label2.Caption = rs.RecordCount

Label3.Caption = r

Label4.Caption = Val(Label2.Caption) - Val(Label3.Caption)

End Sub

Private Sub Combo1\_Click()

cmbModel.Clear

Set rs = New adodb.Recordset

sql = "select distinct prdmodel from tbleorder where ordid='" & Combo1.Text & "' "

Set rs = con.Execute(sql)

While rs.EOF = False

cmbModel.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

Private Sub Form\_Load()

connection

Set rs = New adodb.Recordset

sql = "select distinct ordid from tbleorder "

Set rs = con.Execute(sql)

While rs.EOF = False

Combo1.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

**EMPLOYEE DETAILS FORM**

Dim dp1, dp2 As Date

Public Function AutoEmpId()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(empid,5,LENGTH(empid)))) from employee"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtEmp.Text = "EMP0" & 1

Else

txtEmp.Text = "EMP0" & rs.Fields(0) + 1

End If

End Function

Private Sub cmbdeg\_GotFocus()

cmbdeg.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from designation"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbdeg.AddItem rs.Fields(1)

rs.MoveNext

Wend

End Sub

Private Sub cmbdep\_GotFocus()

cmbdep.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from department"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbdep.AddItem rs.Fields(1)

rs.MoveNext

Wend

End Sub

Private Sub cmbSearch\_Click()

connection

Set rs = New adodb.Recordset

sql = "select \* from employee where empid = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

txtEmp.Text = rs.Fields(0) & ""

txtFname.Text = rs.Fields(1) & ""

txtLname.Text = rs.Fields(2) & ""

txtFatName.Text = rs.Fields(3) & ""

txtEmail.Text = rs.Fields(4) & ""

txtPhNo.Text = rs.Fields(5) & ""

txtAddress.Text = rs.Fields(6) & ""

DTPicker1.CustomFormat = rs.Fields(7) & ""

cmbgend.Text = rs.Fields(8) & ""

txtAadhar.Text = rs.Fields(9) & ""

cmbqlif.Text = rs.Fields(10) & ""

cmbexp.Text = rs.Fields(11) & ""

cmbdep.Text = rs.Fields(12) & ""

cmbdeg.Text = rs.Fields(13) & ""

DTPicker2.CustomFormat = rs.Fields(14) & ""

txtSalary.Text = rs.Fields(15) & ""

lbimage.Caption = rs.Fields(16) & ""

If lbimage.Caption <> "Null" Then

Image1.Picture = LoadPicture(lbimage.Caption)

End If

cmdSave.Enabled = False

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

End If

End Sub

Private Sub cmdDelete\_Click()

Aa = MsgBox("are you sure to delete?", vbYesNo, "Question")

If Aa = vbYes Then

If txtEmp.Text = "" Then

MsgBox "Enter Customer ID", vbInformation, "Validation"

Else

connection

Set rs = New adodb.Recordset

sql = "select empid from employee where empid = '" & txtEmp.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

sql = "Delete from employee where empid = '" & txtEmp.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Deleted Successfull!", vbInformation, "Validation"

cmdAdd\_Click

cmbSearch.Clear

'refereshcomb

connection

Set rs = New adodb.Recordset

sql = "select \* from employee"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

End If

Else

cmdDelete.Enabled = 0

End If

End Sub

Private Sub cmdUpdate\_Click()

If txtFname.Text = "" Then

MsgBox "Enter First Name!", vbInformation, "Validation"

txtFname.SetFocus

ElseIf txtLname.Text = "" Then

MsgBox "Enter Last Name!", vbInformation, "Validation"

txtLname.SetFocus

ElseIf txtFatName.Text = "" Then

MsgBox "Enter Father Name.!", vbInformation, "Validation"

txtFatName.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Email!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter Address!", vbInformation, "Validation"

txtAddress.SetFocus

ElseIf cmbgend.Text = "" Then

MsgBox "choose gender!", vbInformation, "Validation"

cmbgend.SetFocus

ElseIf txtAadhar.Text = "" Then

txtAadhar.Text = "Null"

'MsgBox "Enter Aadhar!", vbInformation, "Validation"

'txtAadhar.SetFocus

ElseIf cmbqlif.Text = "" Then

MsgBox "Enter qualification !", vbInformation, "Validation"

cmbqlif.SetFocus

ElseIf cmbexp.Text = "" Then

MsgBox "Enter experience.!", vbInformation, "Validation"

cmbexp.SetFocus

ElseIf cmbdep.Text = "" Then

MsgBox "Enter department!", vbInformation, "Validation"

cmbdep.SetFocus

ElseIf cmbdeg.Text = "" Then

MsgBox "Enter designation!", vbInformation, "Validation"

cmbdeg.SetFocus

ElseIf txtSalary.Text = "" Then

MsgBox "Enter salary!", vbInformation, "Validation"

txtSalary.SetFocus

ElseIf lbimage.Caption = "" Then

lbimage.Caption = "Null"

'MsgBox "Enter image !", vbInformation, "Validation"

'cmdUpload.SetFocus

Else

connection

Set rs = New adodb.Recordset

sql = "select empid from employee where empid='" & txtEmp.Text & "'"

Set rs = con.Execute(sql)

If (rs.EOF Or rs.BOF) Then

MsgBox ("Data Not updated")

Else

sql = "update employee set efname ='" & txtFname.Text & "', elname='" & txtLname.Text & "', efatname='" & txtFatName.Text & "', email='" & txtEmail.Text & "',phno=" & txtPhNo.Text & ",address='" & txtAddress.Text & "',dob='" & Format(DTPicker1.Value, "dd/mmm/yyyy") & "',gender='" & cmbgend.Text & "',aadhar=" & txtAadhar.Text & ",qualification='" & cmbqlif.Text & "',experience='" & cmbexp.Text & "',dep='" & cmbdep.Text & "',desig='" & cmbdeg.Text & "',jdate='" & Format(DTPicker2.Value, "dd/mmm/yyyy") & "',salary=" & txtSalary.Text & ",picture='" & lbimage.Caption & "' where empid='" & txtEmp.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Data Updated", vbInformation, "validation"

cmdAdd\_Click

End If

End If

'End If

End Sub

Private Sub cmdUpload\_Click()

CD.Filter = "picture File | \*.jpg"

CD.ShowOpen

lbimage.Caption = CD.FileName

If CD.FileName <> "" Then

Image1.Picture = LoadPicture(lbimage.Caption)

End If

End Sub

Private Sub cmdAdd\_Click()

txtFname.Text = ""

txtLname.Text = ""

txtFatName.Text = ""

txtEmail.Text = ""

txtPhNo.Text = ""

txtAddress.Text = ""

txtAadhar.Text = ""

txtSalary.Text = ""

lbimage.Caption = ""

AutoEmpId

txtFname.SetFocus

cmdSave.Enabled = True

cmdDelete.Enabled = False

cmdUpdate.Enabled = False

End Sub

Private Sub cmdCancel\_Click()

Unload Me

End Sub

Private Sub cmdSave\_Click()

If txtFname.Text = "" Then

MsgBox "Enter Name!", vbInformation, "Validation"

txtFname.SetFocus

ElseIf txtLname.Text = "" Then

MsgBox "Enter Last!", vbInformation, "Validation"

txtLname.SetFocus

ElseIf txtFatName.Text = "" Then

MsgBox "Enter Father name.!", vbInformation, "Validation"

txtFatName.SetFocus

ElseIf txtEmail.Text = "" Then

txtEmail.Text = "Null"

'MsgBox "Enter Email!", vbInformation, "Validation"

'txtEmail.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter Address !", vbInformation, "Validation"

txtAddress.SetFocus

ElseIf cmbgend.Text = "" Then

MsgBox "Enter gender!", vbInformation, "Validation"

cmbgend.SetFocus

ElseIf txtAadhar.Text = "" Then

txtAadhar.Text = "Null"

'MsgBox "Enter Aadhar!", vbInformation, "Validation"

'txtAadhar.SetFocus

ElseIf cmbqlif.Text = "" Then

MsgBox "Enter qualification!", vbInformation, "Validation"

cmbqlif.SetFocus

ElseIf cmbexp.Text = "" Then

MsgBox "Enter experience.!", vbInformation, "Validation"

cmbexp.SetFocus

ElseIf cmbdep.Text = "" Then

MsgBox "Enter department!", vbInformation, "Validation"

cmbdep.SetFocus

ElseIf cmbdeg.Text = "" Then

MsgBox "Enter designation!", vbInformation, "Validation"

cmbdeg.SetFocus

ElseIf txtSalary.Text = "" Then

MsgBox "Enter Salary!", vbInformation, "Validation"

txtSalary.SetFocus

ElseIf lbimage.Caption = "" Then

lbimage.Caption = "Null"

'MsgBox "Enter image!", vbInformation, "Validation"

'cmdUpload.SetFocus

Else

Set rs = New adodb.Recordset

sql = "insert into employee values('" & txtEmp.Text & "','" & txtFname.Text & "','" & txtLname.Text & "','" & txtFatName.Text & "','" & txtEmail.Text & "'," & txtPhNo.Text & ",'" & txtAddress.Text & "','" & Format(DTPicker1.Value, "dd/mmm/yyyy") & "','" & cmbgend.Text & "'," & txtAadhar.Text & ",'" & cmbqlif.Text & "','" & cmbexp.Text & "','" & cmbdep.Text & "','" & cmbdeg.Text & "','" & Format(DTPicker2.Value, "dd/mmm/yyyy") & "'," & txtSalary.Text & ",'" & lbimage.Caption & "' )"

Set rs = con.Execute(sql)

'If (rs.EOF Or rs.BOF) Then

'MsgBox ("data is not inserted")

'Else

MsgBox ("Data Inserted")

'AutoEmpId

cmdAdd\_Click

cmbSearch.Clear

'refereshcomb

connection

Set rs = New adodb.Recordset

sql = "select \* from employee"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

'End If

' endIf

End Sub

Private Sub cmbqlif\_GotFocus()

If (IsNumeric(txtAadhar.Text) = False) And txtAadhar.Text <> "" Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtAadhar.SetFocus

Else

cmbqlif.SetFocus

End If

End Sub

Private Sub Command1\_Click()

frmdep.Show

End Sub

Private Sub Command2\_Click()

frmdesig.Show

End Sub

Private Sub DTPicker1\_LostFocus()

If Format(DTPicker1.Value, "dd/mmm/yyyy") <= Format(Now, "dd/mmm/yyyy") Then

Else

MsgBox ("Enter valid date")

DTPicker1.SetFocus

End If

End Sub

Private Sub Form\_Load()

DTPicker1.Value = Date

'refereshcomb

'connection

connection

Set rs = New adodb.Recordset

sql = "select \* from employee"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from employee order by empid asc", con

Set DataGrid1.DataSource = rs

Set rs = New adodb.Recordset

sql = "select \* from department"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbdep.AddItem rs.Fields(1)

rs.MoveNext

Wend

'connection

Set rs = New adodb.Recordset

sql = "select \* from designation"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbdeg.AddItem rs.Fields(1)

rs.MoveNext

Wend

cmbqlif.AddItem "10th"

cmbqlif.AddItem "12th"

cmbqlif.AddItem "GRADUATION(GEN)"

cmbqlif.AddItem "BCA"

cmbqlif.AddItem "DCA"

cmbqlif.AddItem "OTHER"

For intCount = 1 To 20

cmbexp.AddItem intCount

Next intCount

cmbgend.AddItem "Male"

cmbgend.AddItem "Female"

cmdSave.Enabled = True

cmdUpdate.Enabled = False

cmdDelete.Enabled = False

'refereshcomb

End Sub

Private Sub txtFname\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtLname.SetFocus

End If

End Sub

Private Sub txtFname\_LostFocus()

txtFname.Text = UCase(txtFname.Text)

End Sub

Private Sub txtLname\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtFatName.SetFocus

End If

End Sub

Private Sub txtLname\_LostFocus()

txtLname.Text = UCase(txtLname.Text)

End Sub

Private Sub txtFatName\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtEmail.SetFocus

End If

End Sub

Private Sub txtFatName\_LostFocus()

txtFatName.Text = UCase(txtFatName.Text)

End Sub

Private Sub txtEmail\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtPhNo.SetFocus

End If

End Sub

Private Sub txtEmail\_LostFocus()

txtEmail.Text = UCase(txtEmail.Text)

End Sub

Private Sub txtPhNo\_GotFocus()

If isEmail(txtEmail.Text) = True Then

txtPhNo.SetFocus

Else

MsgBox ("invalid email")

txtEmail.SetFocus

End If

End Sub

Private Sub txtPhNo\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtAddress.SetFocus

End If

End Sub

Private Sub txtAddress\_GotFocus()

If (IsNumeric(txtPhNo.Text)) Then

If Len(txtPhNo.Text) <> 10 Then

MsgBox ("Enter the phone number in 10 digits!")

txtPhNo.SetFocus

Else

txtAddress.SetFocus

End If

Else

MsgBox ("Enter valid number")

txtPhNo.SetFocus

End If

End Sub

Private Sub txtAddress\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

DTPicker1.SetFocus

End If

End Sub

Private Sub txtAddress\_LostFocus()

txtAddress.Text = UCase(txtAddress.Text)

End Sub

Private Sub txtAadhar\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmbqlif.SetFocus

End If

End Sub

Private Sub txtSalary\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmdUpload.SetFocus

End If

End Sub

'Private Sub txtSalary\_LostFocus()

'If (IsNumeric(txtSalary.Text)) Then

'cmdUpload.SetFocus

'Else

'MsgBox "Numeric value Only", vbCritical, "Validation"

'txtSalary.SetFocus

'End If

'End Sub

'Public Function refereshcomb()

'End Function

**COMPANY DETAILS FORM**

Private Sub Command1\_Click()

If txtOname.Text = "" Then

MsgBox "Enter Name!", vbInformation, "Validation"

txtOname.SetFocus

ElseIf txtGNo.Text = "" Then

MsgBox "Enter Gst NO!", vbInformation, "Validation"

txtGNo.SetFocus

ElseIf txtCNo.Text = "" Then

MsgBox "Enter Phone No.!", vbInformation, "Validation"

txtCNo.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Email.!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter Address!", vbInformation, "Validation"

txtAddress.SetFocus

Else

Set rs = New adodb.Recordset

sql = "insert into company values('" + txtOname.Text + "','" + txtGNo.Text + "'," + txtCNo.Text + ",'" + txtEmail.Text + "','" + txtAddress.Text + "','" + Format(DTPicker1.Value, "dd/mmm/yyyy") + "' )"

Set rs = con.Execute(sql)

MsgBox "Data Inserted"

End If

End Sub

Private Sub Command1\_GotFocus()

If isEmail(txtEmail.Text) = True Then

Else

MsgBox ("invalid email")

txtEmail.SetFocus

End If

If (IsNumeric(txtCNo.Text)) Then

If Len(txtCNo.Text) <> 10 Then

MsgBox ("Enter the phone number in 10 digits!")

txtCNo.SetFocus

Else

End If

Else

MsgBox ("Enter valid number")

txtCNo.SetFocus

End If

End Sub

Private Sub Command2\_Click()

txtOname.Enabled = True

txtGNo.Enabled = True

txtCNo.Enabled = True

txtEmail.Enabled = True

txtAddress.Enabled = True

DTPicker1.Enabled = True

End Sub

Private Sub Command3\_Click()

Unload Me

End Sub

Private Sub Form\_Load()

connection

Set rs = New adodb.Recordset

sql = "select \* from company "

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

txtOname.Text = rs.Fields(0) & ""

txtGNo.Text = rs.Fields(1) & ""

txtCNo.Text = rs.Fields(2) & ""

txtEmail.Text = rs.Fields(3) & ""

txtAddress.Text = rs.Fields(4) & ""

DTPicker1.CustomFormat = rs.Fields(5) & ""

End If

End Sub

Private Sub txtAddress\_KeyPress(KeyAscii As Integer)

If keyasii = 13 Then

DTPicker1.SetFocus

End If

End Sub

Private Sub txtAddress\_LostFocus()

txtAddress.Text = UCase(txtAddress.Text)

End Sub

Private Sub txtEmail\_LostFocus()

txtEmail.Text = UCase(txtEmail.Text)

End Sub

Private Sub txtGNo\_LostFocus()

txtGNo.Text = UCase(txtGNo.Text)

End Sub

Private Sub txtOname\_KeyPress(KeyAscii As Integer)

If keyasii = 13 Then

txtGNo.SetFocus

End If

End Sub

Private Sub txtGNo\_KeyPress(KeyAscii As Integer)

If keyasii = 13 Then

txtCNo.SetFocus

End If

End Sub

Private Sub txtCNo\_KeyPress(KeyAscii As Integer)

If keyasii = 13 Then

txtEmail.SetFocus

End If

End Sub

Private Sub txtEmail\_KeyPress(KeyAscii As Integer)

If keyasii = 13 Then

txtAddress.SetFocus

End If

End Sub

Private Sub txtOname\_LostFocus()

txtOname = UCase(txtOname.Text)

End Sub

**CUSTOMER DETAILS FORM**

Public Function AutoCustId()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(cust\_id,5,LENGTH(cust\_id)))) from customer"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtcId.Text = "cust" & 1

Else

txtcId.Text = "cust" & rs.Fields(0) + 1

End If

End Function

Private Sub add\_Click()

Frame1.Enabled = True

txtName.Text = ""

txtEmail.Text = ""

txtPhNo.Text = ""

txtAddress.Text = ""

AutoCustId

txtName.SetFocus

cmdSave.Enabled = True

cmdUpdate.Enabled = False

cmdDelete.Enabled = False

End Sub

Private Sub cmdDisp\_Click()

If txtcId.Text = "" Then

MsgBox "Your id is blank"

Else

Set rs = New adodb.Recordset

sql = "select count(cust\_id) from customer"

Set rs = con.Execute(sql)

txtcId.Text = rs.Fields(0)

txtcId.Text = "cust" + txtcId.Text

sql = "select \* from customer where cust\_id = '" & txtcId.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

txtName.Text = rs.Fields(1) & ""

txtEmail.Text = rs.Fields(2) & ""

txtPhNo.Text = rs.Fields(3) & ""

txtAddress.Text = rs.Fields(4) & ""

End If

End If

End Sub

Private Sub cmbSearch\_Click()

Frame1.Enabled = True

connection

Set rs = New adodb.Recordset

sql = "select \* from customer where cust\_id = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

txtcId.Text = rs.Fields(0) & ""

txtName.Text = rs.Fields(1) & ""

txtEmail.Text = rs.Fields(2) & ""

txtPhNo.Text = rs.Fields(3) & ""

txtAddress.Text = rs.Fields(4) & ""

cmdSave.Enabled = False

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

End If

End Sub

Private Sub cmdDelete\_Click()

Aa = MsgBox("are you sure to delete?", vbYesNo, "Question")

If Aa = vbYes Then

If txtcId.Text = "" Then

MsgBox "Enter Customer ID", vbInformation, "Validation"

Else

connection

Set rs = New adodb.Recordset

sql = "select cust\_id from customer where cust\_id = '" & txtcId.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

sql = "Delete from customer where cust\_id = '" & txtcId.Text & "'"

Set rs = con.Execute(sql)

Me.cmbSearch.Refresh

MsgBox "Record Deleted Successfull!", vbInformation, "Validation"

add\_Click

cmbSearch.Clear

refreshcmb

End If

End If

End If

'Else

'cmdDelete.Enabled = 0

'End If

'End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from customer order by cust\_id asc", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub cmdExit\_Click()

Me.Hide

End Sub

Private Sub cmdSave\_Click()

If txtName.Text = "" Then

MsgBox "Enter Name!", vbInformation, "Validation"

txtName.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Customer Email!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtPhNo.Text = "" Then

MsgBox "Enter customer Phone No.!", vbInformation, "Validation"

txtPhNo.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter customer Address!", vbInformation, "Validation"

txtAddress.SetFocus

Else

Set rs = New adodb.Recordset

sql = "insert into customer values('" + txtcId.Text + "','" + txtName.Text + "','" + txtEmail.Text + "','" + txtPhNo.Text + "','" + txtAddress.Text + "' )"

Set rs = con.Execute(sql)

MsgBox ("Data Inserted")

AutoCustId

add\_Click

cmbSearch.Clear

refreshcmb

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from customer order by cust\_id asc", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub cmdSave\_GotFocus()

If isEmail(txtEmail.Text) = False Then

MsgBox "invalid email"

txtEmail.SetFocus

ElseIf (IsNumeric(txtPhNo.Text) = False) Then

MsgBox ("Enter valid number")

txtPhNo.SetFocus

If Len(txtPhNo.Text) <> 10 Then

MsgBox ("Enter the phone number in 10 digits!")

txtPhNo.SetFocus

'Else

End If

'Else

'MsgBox ("Enter valid number")

'txtPhNo.SetFocus

'End If

End If

End Sub

Private Sub cmdUpdate\_GotFocus()

If isEmail(txtEmail.Text) = True Then

Else

MsgBox ("invalid email")

txtEmail.SetFocus

End If

If (IsNumeric(txtPhNo.Text)) Then

If Len(txtPhNo.Text) <> 10 Then

MsgBox ("Enter the phone number in 10 digits!")

txtPhNo.SetFocus

Else

End If

Else

MsgBox ("Enter valid number")

txtPhNo.SetFocus

End If

End Sub

Private Sub Form\_Load()

refreshcmb

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from customer order by cust\_id asc", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub txtcId\_LostFocus()

txtcId.Text = UCase(txtcId.Text)

End Sub

Private Sub txtcId\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtName.SetFocus

End If

End Sub

Private Sub txtName\_LostFocus()

txtName.Text = UCase(txtName.Text)

End Sub

Private Sub txtName\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtEmail.SetFocus

End If

End Sub

Private Sub txtEmail\_LostFocus()

txtEmail.Text = UCase(txtEmail.Text)

End Sub

Private Sub txtEmail\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtPhNo.SetFocus

End If

End Sub

Private Sub txtPhNo\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtAddress.SetFocus

End If

End Sub

Private Sub txtAddress\_LostFocus()

txtAddress.Text = UCase(txtAddress.Text)

End Sub

Private Sub txtAddress\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmdSave.SetFocus

End If

End Sub

Private Sub cmdUpdate\_Click()

If txtName.Text = "" Then

MsgBox "Enter Name!", vbInformation, "Validation"

txtName.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Customer Email!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtPhNo.Text = "" Then

MsgBox "Enter customer Phone No.!", vbInformation, "Validation"

txtPhNo.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter customer Address!", vbInformation, "Validation"

txtAddress.SetFocus

Else

Set rs = New adodb.Recordset

sql = "select cust\_id from customer where cust\_id='" + txtcId.Text + "'"

Set rs = con.Execute(sql)

If (rs.EOF Or rs.BOF) Then

MsgBox ("Data Not updated")

Else

sql = "update customer set cust\_nm ='" + txtName.Text + "', email='" + txtEmail.Text + "', phno='" + txtPhNo.Text + "', addr='" + txtAddress.Text + "' where cust\_id='" + txtcId.Text + "'"

Set rs = con.Execute(sql)

MsgBox "Data Updated", vbInformation, "validation"

add\_Click

End If

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from customer order by cust\_id asc", con

Set DataGrid1.DataSource = rs

End Sub

Public Function refreshcmb()

cmdSave.Enabled = False

cmdUpdate.Enabled = False

cmdDelete.Enabled = False

connection

Set rs = New adodb.Recordset

sql = "select \* from customer"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Function

**EMPLOYEE DETAILS FORM**

Dim dp1, dp2 As Date

Public Function AutoEmpId()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(empid,5,LENGTH(empid)))) from employee"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtEmp.Text = "EMP0" & 1

Else

txtEmp.Text = "EMP0" & rs.Fields(0) + 1

End If

End Function

Private Sub cmbdeg\_GotFocus()

cmbdeg.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from designation"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbdeg.AddItem rs.Fields(1)

rs.MoveNext

Wend

End Sub

Private Sub cmbdep\_GotFocus()

cmbdep.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from department"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbdep.AddItem rs.Fields(1)

rs.MoveNext

Wend

End Sub

Private Sub cmbSearch\_Click()

connection

Set rs = New adodb.Recordset

sql = "select \* from employee where empid = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

txtEmp.Text = rs.Fields(0) & ""

txtFname.Text = rs.Fields(1) & ""

txtLname.Text = rs.Fields(2) & ""

txtFatName.Text = rs.Fields(3) & ""

txtEmail.Text = rs.Fields(4) & ""

txtPhNo.Text = rs.Fields(5) & ""

txtAddress.Text = rs.Fields(6) & ""

DTPicker1.CustomFormat = rs.Fields(7) & ""

cmbgend.Text = rs.Fields(8) & ""

txtAadhar.Text = rs.Fields(9) & ""

cmbqlif.Text = rs.Fields(10) & ""

cmbexp.Text = rs.Fields(11) & ""

cmbdep.Text = rs.Fields(12) & ""

cmbdeg.Text = rs.Fields(13) & ""

DTPicker2.CustomFormat = rs.Fields(14) & ""

txtSalary.Text = rs.Fields(15) & ""

lbimage.Caption = rs.Fields(16) & ""

If lbimage.Caption <> "Null" Then

Image1.Picture = LoadPicture(lbimage.Caption)

End If

cmdSave.Enabled = False

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

End If

End Sub

Private Sub cmdDelete\_Click()

Aa = MsgBox("are you sure to delete?", vbYesNo, "Question")

If Aa = vbYes Then

If txtEmp.Text = "" Then

MsgBox "Enter Customer ID", vbInformation, "Validation"

Else

connection

Set rs = New adodb.Recordset

sql = "select empid from employee where empid = '" & txtEmp.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

sql = "Delete from employee where empid = '" & txtEmp.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Deleted Successfull!", vbInformation, "Validation"

cmdAdd\_Click

cmbSearch.Clear

'refereshcomb

connection

Set rs = New adodb.Recordset

sql = "select \* from employee"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

End If

Else

cmdDelete.Enabled = 0

End If

End Sub

Private Sub cmdUpdate\_Click()

If txtFname.Text = "" Then

MsgBox "Enter First Name!", vbInformation, "Validation"

txtFname.SetFocus

ElseIf txtLname.Text = "" Then

MsgBox "Enter Last Name!", vbInformation, "Validation"

txtLname.SetFocus

ElseIf txtFatName.Text = "" Then

MsgBox "Enter Father Name.!", vbInformation, "Validation"

txtFatName.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Email!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter Address!", vbInformation, "Validation"

txtAddress.SetFocus

ElseIf cmbgend.Text = "" Then

MsgBox "choose gender!", vbInformation, "Validation"

cmbgend.SetFocus

ElseIf txtAadhar.Text = "" Then

txtAadhar.Text = "Null"

'MsgBox "Enter Aadhar!", vbInformation, "Validation"

'txtAadhar.SetFocus

ElseIf cmbqlif.Text = "" Then

MsgBox "Enter qualification !", vbInformation, "Validation"

cmbqlif.SetFocus

ElseIf cmbexp.Text = "" Then

MsgBox "Enter experience.!", vbInformation, "Validation"

cmbexp.SetFocus

ElseIf cmbdep.Text = "" Then

MsgBox "Enter department!", vbInformation, "Validation"

cmbdep.SetFocus

ElseIf cmbdeg.Text = "" Then

MsgBox "Enter designation!", vbInformation, "Validation"

cmbdeg.SetFocus

ElseIf txtSalary.Text = "" Then

MsgBox "Enter salary!", vbInformation, "Validation"

txtSalary.SetFocus

ElseIf lbimage.Caption = "" Then

lbimage.Caption = "Null"

'MsgBox "Enter image !", vbInformation, "Validation"

'cmdUpload.SetFocus

Else

connection

Set rs = New adodb.Recordset

sql = "select empid from employee where empid='" & txtEmp.Text & "'"

Set rs = con.Execute(sql)

If (rs.EOF Or rs.BOF) Then

MsgBox ("Data Not updated")

Else

sql = "update employee set efname ='" & txtFname.Text & "', elname='" & txtLname.Text & "', efatname='" & txtFatName.Text & "', email='" & txtEmail.Text & "',phno=" & txtPhNo.Text & ",address='" & txtAddress.Text & "',dob='" & Format(DTPicker1.Value, "dd/mmm/yyyy") & "',gender='" & cmbgend.Text &"',aadhar=" & txtAadhar.Text & ",qualification='" & cmbqlif.Text & "',experience='" & cmbexp.Text & "',dep='" & cmbdep.Text & "',desig='" & cmbdeg.Text & "',jdate='" & Format(DTPicker2.Value, "dd/mmm/yyyy") & "',salary=" & txtSalary.Text & ",picture='" & lbimage.Caption & "' where empid='" & txtEmp.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Data Updated", vbInformation, "validation"

cmdAdd\_Click

End If

End If

'End If

End Sub

Private Sub cmdUpload\_Click()

CD.Filter = "picture File | \*.jpg"

CD.ShowOpen

lbimage.Caption = CD.FileName

If CD.FileName <> "" Then

Image1.Picture = LoadPicture(lbimage.Caption)

End If

End Sub

Private Sub cmdAdd\_Click()

txtFname.Text = ""

txtLname.Text = ""

txtFatName.Text = ""

txtEmail.Text = ""

txtPhNo.Text = ""

txtAddress.Text = ""

txtAadhar.Text = ""

txtSalary.Text = ""

lbimage.Caption = ""

AutoEmpId

txtFname.SetFocus

cmdSave.Enabled = True

cmdDelete.Enabled = False

cmdUpdate.Enabled = False

End Sub

Private Sub cmdCancel\_Click()

Unload Me

End Sub

Private Sub cmdSave\_Click()

If txtFname.Text = "" Then

MsgBox "Enter Name!", vbInformation, "Validation"

txtFname.SetFocus

ElseIf txtLname.Text = "" Then

MsgBox "Enter Last!", vbInformation, "Validation"

txtLname.SetFocus

ElseIf txtFatName.Text = "" Then

MsgBox "Enter Father name.!", vbInformation, "Validation"

txtFatName.SetFocus

ElseIf txtEmail.Text = "" Then

txtEmail.Text = "Null"

'MsgBox "Enter Email!", vbInformation, "Validation"

'txtEmail.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter Address !", vbInformation, "Validation"

txtAddress.SetFocus

ElseIf cmbgend.Text = "" Then

MsgBox "Enter gender!", vbInformation, "Validation"

cmbgend.SetFocus

ElseIf txtAadhar.Text = "" Then

txtAadhar.Text = "Null"

'MsgBox "Enter Aadhar!", vbInformation, "Validation"

'txtAadhar.SetFocus

ElseIf cmbqlif.Text = "" Then

MsgBox "Enter qualification!", vbInformation, "Validation"

cmbqlif.SetFocus

ElseIf cmbexp.Text = "" Then

MsgBox "Enter experience.!", vbInformation, "Validation"

cmbexp.SetFocus

ElseIf cmbdep.Text = "" Then

MsgBox "Enter department!", vbInformation, "Validation"

cmbdep.SetFocus

ElseIf cmbdeg.Text = "" Then

MsgBox "Enter designation!", vbInformation, "Validation"

cmbdeg.SetFocus

ElseIf txtSalary.Text = "" Then

MsgBox "Enter Salary!", vbInformation, "Validation"

txtSalary.SetFocus

ElseIf lbimage.Caption = "" Then

lbimage.Caption = "Null"

'MsgBox "Enter image!", vbInformation, "Validation"

'cmdUpload.SetFocus

Else

Set rs = New adodb.Recordset

sql = "insert into employee values('" & txtEmp.Text & "','" & txtFname.Text & "','" & txtLname.Text & "','" & txtFatName.Text & "','" & txtEmail.Text & "'," & txtPhNo.Text & ",'" & txtAddress.Text & "','" & Format(DTPicker1.Value, "dd/mmm/yyyy") & "','" & cmbgend.Text & "'," & txtAadhar.Text & ",'" & cmbqlif.Text & "','" & cmbexp.Text & "','" & cmbdep.Text & "','" & cmbdeg.Text & "','" & Format(DTPicker2.Value, "dd/mmm/yyyy") & "'," & txtSalary.Text & ",'" & lbimage.Caption & "' )"

Set rs = con.Execute(sql)

'If (rs.EOF Or rs.BOF) Then

'MsgBox ("data is not inserted")

'Else

MsgBox ("Data Inserted")

'AutoEmpId

cmdAdd\_Click

cmbSearch.Clear

'refereshcomb

connection

Set rs = New adodb.Recordset

sql = "select \* from employee"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

'End If

' endIf

End Sub

Private Sub cmbqlif\_GotFocus()

If (IsNumeric(txtAadhar.Text) = False) And txtAadhar.Text <> "" Then

MsgBox "Numeric value Only", vbCritical, "Validation"

txtAadhar.SetFocus

Else

cmbqlif.SetFocus

End If

End Sub

Private Sub Command1\_Click()

frmdep.Show

End Sub

Private Sub Command2\_Click()

frmdesig.Show

End Sub

Private Sub DTPicker1\_LostFocus()

If Format(DTPicker1.Value, "dd/mmm/yyyy") <= Format(Now, "dd/mmm/yyyy") Then

Else

MsgBox ("Enter valid date")

DTPicker1.SetFocus

End If

End Sub

Private Sub Form\_Load()

DTPicker1.Value = Date

'refereshcomb

'connection

connection

Set rs = New adodb.Recordset

sql = "select \* from employee"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from employee order by empid asc", con

Set DataGrid1.DataSource = rs

Set rs = New adodb.Recordset

sql = "select \* from department"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbdep.AddItem rs.Fields(1)

rs.MoveNext

Wend

'connection

Set rs = New adodb.Recordset

sql = "select \* from designation"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbdeg.AddItem rs.Fields(1)

rs.MoveNext

Wend

cmbqlif.AddItem "10th"

cmbqlif.AddItem "12th"

cmbqlif.AddItem "GRADUATION(GEN)"

cmbqlif.AddItem "BCA"

cmbqlif.AddItem "DCA"

cmbqlif.AddItem "OTHER"

For intCount = 1 To 20

cmbexp.AddItem intCount

Next intCount

cmbgend.AddItem "Male"

cmbgend.AddItem "Female"

cmdSave.Enabled = True

cmdUpdate.Enabled = False

cmdDelete.Enabled = False

'refereshcomb

End Sub

Private Sub txtFname\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtLname.SetFocus

End If

End Sub

Private Sub txtFname\_LostFocus()

txtFname.Text = UCase(txtFname.Text)

End Sub

Private Sub txtLname\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtFatName.SetFocus

End If

End Sub

Private Sub txtLname\_LostFocus()

txtLname.Text = UCase(txtLname.Text)

End Sub

Private Sub txtFatName\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtEmail.SetFocus

End If

End Sub

Private Sub txtFatName\_LostFocus()

txtFatName.Text = UCase(txtFatName.Text)

End Sub

Private Sub txtEmail\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtPhNo.SetFocus

End If

End Sub

Private Sub txtEmail\_LostFocus()

txtEmail.Text = UCase(txtEmail.Text)

End Sub

Private Sub txtPhNo\_GotFocus()

If isEmail(txtEmail.Text) = True Then

txtPhNo.SetFocus

Else

MsgBox ("invalid email")

txtEmail.SetFocus

End If

End Sub

Private Sub txtPhNo\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtAddress.SetFocus

End If

End Sub

Private Sub txtAddress\_GotFocus()

If (IsNumeric(txtPhNo.Text)) Then

If Len(txtPhNo.Text) <> 10 Then

MsgBox ("Enter the phone number in 10 digits!")

txtPhNo.SetFocus

Else

txtAddress.SetFocus

End If

Else

MsgBox ("Enter valid number")

txtPhNo.SetFocus

End If

End Sub

Private Sub txtAddress\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

DTPicker1.SetFocus

End If

End Sub

Private Sub txtAddress\_LostFocus()

txtAddress.Text = UCase(txtAddress.Text)

End Sub

Private Sub txtAadhar\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmbqlif.SetFocus

End If

End Sub

Private Sub txtSalary\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

cmdUpload.SetFocus

End If

End Sub

'Private Sub txtSalary\_LostFocus()

'If (IsNumeric(txtSalary.Text)) Then

'cmdUpload.SetFocus

'Else

'MsgBox "Numeric value Only", vbCritical, "Validation"

'txtSalary.SetFocus

'End If

'End Sub

'Public Function refereshcomb()

'End Function

**EMPLOYEE SALARY FORM**

Private Sub cmbSearch\_Click()

connection

Set rs = New adodb.Recordset

sql = "select \* from employee where empid = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

lbName.Caption = rs.Fields(1) & ""

lbEmail.Caption = rs.Fields(4) & ""

lbPhNo.Caption = rs.Fields(5) & ""

lbSalary.Caption = rs.Fields(15) & ""

lbDep.Caption = rs.Fields(12) & ""

End If

End Sub

Public Function AutoSId()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(salid,6,LENGTH(salid)))) from empsal"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtSId = "SALE0" & 1

Else

txtSId = "SALE0" & rs.Fields(0) + 1

End If

End Function

Private Sub cmdPay\_Click()

If optSal.Value = True Then

If IsNumeric(txtAmnt.Text) Then

Else

MsgBox ("Enter valid Amount")

txtAmnt.SetFocus

End If

txtAdv.Enabled = False

If cmbSearch.Text = "" Then

MsgBox "select Employee Id!", vbInformation, "Validation"

cmbSearch.SetFocus

ElseIf txtAmnt.Text = "" Then

MsgBox "Enter AMount !", vbInformation, "Validation"

txtAmnt.SetFocus

Else

Set rs = New adodb.Recordset

sql = "insert into empsal values('" + txtSId.Text + "','" + Label6.Caption + "','" + cmbSearch.Text + "','" + lbName.Caption + "'," + txtAmnt.Text + " )"

Set rs = con.Execute(sql)

MsgBox ("Payment Done")

AutoSId

End If

End If

If optAdv.Value = True Then

If IsNumeric(txtAdv.Text) Then

Else

MsgBox ("Enter valid Amount")

txtAdv.SetFocus

End If

txtAmnt.Enabled = False

If cmbSearch.Text = "" Then

MsgBox "select Employee Id!", vbInformation, "Validation"

cmbSearch.SetFocus

ElseIf txtAdv.Text = "" Then

MsgBox "Enter Advance !", vbInformation, "Validation"

txtAdv.SetFocus

Else

Set rs = New adodb.Recordset

sql = "insert into empsaladv values('" + txtSId.Text + "','" + Label6.Caption + "','" + cmbSearch.Text + "','" + lbName.Caption + "'," + txtAdv.Text + " )"

Set rs = con.Execute(sql)

MsgBox ("payment done")

AutoSId

End If

End If

End Sub

Private Sub Form\_Load()

Label6.Caption = Date

connection

Set rs = New adodb.Recordset

sql = "select \* from employee"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

AutoSId

txtAmnt.Enabled = False

txtAdv.Enabled = False

End Sub

Private Sub optAdv\_Click()

txtAdv.Enabled = True

txtAmnt.Enabled = False

End Sub

Private Sub optSal\_Click()

txtAmnt.Enabled = True

txtAdv.Enabled = False

txtAmnt.Text = Val(lbSalary.Caption)

txtAmnt.Enabled = False

End Sub

**SUPPLIER DETAILS FORM**

Public Function combotxt()

Frame1.Enabled = True

connection

Set rs = New adodb.Recordset

sql = "select \* from suplier where supid = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

txtSupID.Text = rs.Fields(0) & ""

txtComp.Text = rs.Fields(1) & ""

txtName.Text = rs.Fields(2) & ""

txtEmail.Text = rs.Fields(3) & ""

txtPhNo.Text = rs.Fields(4) & ""

txtAddress.Text = rs.Fields(5) & ""

cmdSave.Enabled = False

cmdUpdate.Enabled = True

cmdDelete.Enabled = True

End If

End Function

Private Sub cmbSearch\_Click()

combotxt

End Sub

Private Sub cmdAddNew\_Click()

Frame1.Enabled = True

txtSupID.Text = ""

txtComp.Text = ""

txtName.Text = ""

txtEmail.Text = ""

txtPhNo.Text = ""

txtPhNo.Text = ""

txtAddress.Text = ""

AutoSupID

txtComp.SetFocus

cmdSave.Enabled = True

cmdUpdate.Enabled = False

cmdDelete.Enabled = False

End Sub

Public Function AutoSupID()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(supid,5,LENGTH(supid)))) from suplier"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtSupID.Text = "SUP0" & 1

Else

txtSupID.Text = "SUPO" & rs.Fields(0) + 1

End If

End Function

Private Sub cmdDelete\_Click()

Aa = MsgBox("are you sure to delete?", vbYesNo, "Question")

If Aa = vbYes Then

If txtSupID.Text = "" Then

MsgBox "Enter Suppier ID", vbInformation, "Validation"

Else

connection

Set rs = New adodb.Recordset

sql = "select supid from suplier where supid = '" & txtSupID.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Data not Found!", vbCritical, "Validation"

Else

sql = "Delete from suplier where supid = '" & txtSupID.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Deleted Successfull!", vbInformation, "Validation"

cmbSearch.Clear

Set rs = New adodb.Recordset

sql = "select \* from suplier"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

cmdAddNew\_Click

End If

End If

Else

cmdDelete.Enabled = 0

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from suplier order by supid asc ", con

Set DataGrid1.DataSource = rs

'combotxt

End Sub

Private Sub cmdSave\_Click()

If txtComp.Text = "" Then

MsgBox "Enter Compny Name!", vbInformation, "Validation"

txtComp.SetFocus

ElseIf txtName.Text = "" Then

MsgBox "Enter Suplier Name!", vbInformation, "Validation"

txtName.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Suplier Email!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtPhNo.Text = "" Then

MsgBox "Enter suplier Phone No.!", vbInformation, "Validation"

txtPhNo.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter Suplier Address!", vbInformation, "Validation"

txtAddress.SetFocus

Else

If isEmail(txtEmail.Text) = True Then

Else

MsgBox ("invalid email")

txtEmail.SetFocus

End If

If (IsNumeric(txtPhNo.Text)) Then

If Len(txtPhNo.Text) <> 10 Then

MsgBox ("Enter the phone number in 10 digits!")

txtPhNo.SetFocus

End If

Else

MsgBox ("Enter valid number")

txtPhNo.SetFocus

End If

Set rs = New adodb.Recordset

sql = "insert into suplier values('" & txtSupID.Text & "','" & txtComp.Text & "','" & txtName.Text & "','" & txtEmail.Text & "','" & txtPhNo.Text & "','" & txtAddress.Text & "')"

Set rs = con.Execute(sql)

MsgBox "Record Inserted Successfully!", vbInformation, "Validation"

cmdAddNew\_Click

AutoSupID

cmbSearch.Clear

Set rs = New adodb.Recordset

sql = "select \* from suplier"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from suplier order by supid asc ", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub cmdSave\_GotFocus()

txtEmail = UCase(txtEmail.Text)

If isEmail(txtEmail.Text) = True Then

Else

MsgBox ("invalid email")

txtEmail.SetFocus

End If

If (IsNumeric(txtPhNo.Text)) Then

If Len(txtPhNo.Text) <> 10 Then

MsgBox ("Enter the phone number in 10 digits!")

txtPhNo.SetFocus

Else

End If

Else

MsgBox ("Enter valid number")

txtPhNo.SetFocus

End If

End Sub

Private Sub cmdUpdate\_Click()

If txtComp.Text = "" Then

MsgBox "Enter Compny Name!", vbInformation, "Validation"

txtComp.SetFocus

ElseIf txtName.Text = "" Then

MsgBox "Enter Suplier Name!", vbInformation, "Validation"

txtName.SetFocus

ElseIf txtEmail.Text = "" Then

MsgBox "Enter Suplier Email!", vbInformation, "Validation"

txtEmail.SetFocus

ElseIf txtPhNo.Text = "" Then

MsgBox "Enter suplier Phone No.!", vbInformation, "Validation"

txtPhNo.SetFocus

ElseIf txtAddress.Text = "" Then

MsgBox "Enter Suplier Address!", vbInformation, "Validation"

txtAddress.SetFocus

Else

connection

Set rs = New adodb.Recordset

sql = "select supid from suplier where supid='" + txtSupID.Text + "'"

Set rs = con.Execute(sql)

If (rs.EOF Or rs.BOF) Then

MsgBox ("Data Not updated")

Else

sql = "update suplier set comp = '" & txtComp.Text & "', supname = '" & txtName.Text & "',supemail = '" & txtEmail.Text & "',supphno = '" & txtPhNo.Text & "',supaddr = '" & txtAddress.Text & "' where supid = '" & txtSupID.Text & "'"

Set rs = con.Execute(sql)

MsgBox "Record Updates Successfully!", vbInformation, "Validation"

cmdAddNew\_Click

End If

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from suplier order by supid asc ", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub cmdUpdate\_GotFocus()

txtEmail = UCase(txtEmail.Text)

If isEmail(txtEmail.Text) = True Then

Else

MsgBox ("invalid email")

txtEmail.SetFocus

End If

If (IsNumeric(txtPhNo.Text)) Then

If Len(txtPhNo.Text) <> 10 Then

MsgBox ("Enter the phone number in 10 digits!")

txtPhNo.SetFocus

Else

End If

Else

MsgBox ("Enter valid number")

txtPhNo.SetFocus

End If

End Sub

Private Sub Form\_Load()

connection

Set rs = New adodb.Recordset

sql = "select \* from suplier"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from suplier order by supid asc ", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub txtComp\_LostFocus()

txtComp = UCase(txtComp.Text)

End Sub

Private Sub txtComp\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtName.SetFocus

End If

End Sub

Private Sub txtEmail\_LostFocus()

txtEmail = UCase(txtEmail.Text)

End Sub

Private Sub txtName\_LostFocus()

txtName = UCase(txtName.Text)

End Sub

Private Sub txtName\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtEmail.SetFocus

End If

End Sub

Private Sub txtEmail\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtPhNo.SetFocus

End If

End Sub

Private Sub txtPhNo\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

txtAddress.SetFocus

End If

End Sub

**REPORT SEARCH FORM**

Private Sub Command1\_Click()

If List1.ListIndex = 0 Then

Set DataReport5.DataSource = DataEnvironment1

DataReport5.BottomMargin = 0

DataReport5.LeftMargin = 0

DataReport5.RightMargin = 0

DataReport5.TopMargin = 0

DataEnvironment1.Command5 DTPicker1.Value, DTPicker2.Value

DataReport5.Show

DataReport5.Refresh

DataEnvironment1.rsCommand5.Close

ElseIf List1.ListIndex = 1 Then

Set DataReport2.DataSource = DataEnvironment1

DataReport2.BottomMargin = 0

DataReport2.LeftMargin = 0

DataReport2.RightMargin = 0

DataReport2.TopMargin = 0

DataEnvironment1.Command2 DTPicker1.Value, DTPicker2.Value

DataReport2.Show

DataReport2.Refresh

DataEnvironment1.rsCommand2.Close

ElseIf List1.ListIndex = 2 Then

Set DataReport3.DataSource = DataEnvironment1

DataReport3.BottomMargin = 0

DataReport3.LeftMargin = 0

DataReport3.RightMargin = 0

DataReport3.TopMargin = 0

DataEnvironment1.Command3 DTPicker1.Value, DTPicker2.Value

DataReport3.Show

DataReport3.Refresh

DataEnvironment1.rsCommand3.Close

ElseIf List1.ListIndex = 3 Then

Set DataReport4.DataSource = DataEnvironment1

DataReport4.BottomMargin = 0

DataReport4.LeftMargin = 0

DataReport4.RightMargin = 0

DataReport4.TopMargin = 0

DataEnvironment1.Command4 DTPicker1.Value, DTPicker2.Value

DataReport4.Show

DataReport4.Refresh

DataEnvironment1.rsCommand4.Close

End If

End Sub

Private Sub Command2\_Click()

DataReport4.Show

End Sub

Private Sub Form\_Load()

DTPicker2.Value = Date

List1.AddItem "ORDERED PRODUCT"

List1.AddItem "STOCK"

List1.AddItem "SALE"

List1.AddItem "EMPLOYEE"

End Sub

'Private Sub List1\_Click()

'If List1.ListIndex = 0 Then

'DataReport1.Show

'End If

'End Sub

**PRODUCT SALE FORM**

Public Function AutoSaleId()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(saleid,6,LENGTH(saleid)))) from sale"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtSId = "SALE0" & 1

Else

txtSId = "SALE0" & rs.Fields(0) + 1

End If

End Function

Public Function AutoInvNo()

connection

Set rs = New adodb.Recordset

sql = "Select max (to\_number(SUBSTR(invno,5,LENGTH(invno)))) from sale"

Set rs = con.Execute(sql)

If IsNull(rs.Fields(0)) Then

txtInvNo = "INV0" & 1

Else

txtInvNo = "INV0" & rs.Fields(0) + 1

End If

End Function

Private Sub cmbImeiNo\_GotFocus()

connection

Set rs = New adodb.Recordset

sql = "select \* from supplied where type='" & cmbType.Text & "' and comp ='" & cmbComp.Text & "' and model='" & cmbModel.Text & "' "

Set rs = con.Execute(sql)

While rs.EOF = False

cmbImeiNo.AddItem rs.Fields(6)

rs.MoveNext

Wend

End Sub

'Private Sub cmbInv\_Click()

'Set rs = New adodb.Recordset

'sql = "insert into invoice select \* from sale where saleid='" & cmbInv.Text & "' "

'Set rs = con.Execute(sql)

'MsgBox "Succeefully Ordered!", vbInformation, "Validation"

'Set rs = New adodb.Recordset

'sql = "delete from tbltemporder"

'Set rs = con.Execute(sql)

'DataEnvironment1.Command4 cmbInv.Text

'DataReport4.Show

'Set DataEnvironment1 = Nothing

'End Sub

Private Sub cmbSearch\_Click()

connection

Set rs = New adodb.Recordset

sql = "select \* from customer where cust\_id = '" & cmbSearch.Text & "'"

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Please refresh!", vbCritical, "Validation"

Else

cName.Caption = rs.Fields(1) & ""

cEmail.Caption = rs.Fields(2) & ""

cAddress.Caption = rs.Fields(4) & ""

End If

End Sub

Private Sub cmbSearch\_GotFocus()

cmbSearch.Clear

Set rs = New adodb.Recordset

sql = "select \* from customer"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

Private Sub cmdAdd\_Click()

AutoSaleId

'AutoSnoId

AutoInvNo

cmdSave.Enabled = True

'txtQnty.Text = ""

lbPrice.Caption = ""

lbTax.Caption = ""

lbTotal.Caption = ""

cmbType.Clear

connection

Set rs = New adodb.Recordset

sql = "select distinct prdtype from addproduct"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbType.AddItem rs.Fields(0)

rs.MoveNext

Wend

End Sub

Private Sub cmdSave\_Click()

If txtSId.Text = "" Then

MsgBox "Enter sale Id!", vbInformation, "Validation"

txtSId.SetFocus

'ElseIf txtSno.Text = "" Then

'MsgBox "Enter Serial no!", vbInformation, "Validation"

'txtSno.SetFocus

ElseIf txtInvNo.Text = "" Then

MsgBox "Enter invoice no!", vbInformation, "Validation"

txtInvNo.SetFocus

ElseIf cmbSearch.Text = "" Then

MsgBox "select Customer id!", vbInformation, "Validation"

cmbSearch.SetFocus

ElseIf cmbType.Text = "" Then

MsgBox "Choose Catagory!", vbInformation, "Validation"

cmbType.SetFocus

ElseIf cmbComp.Text = "" Then

MsgBox "Choose Company!", vbInformation, "Validation"

cmbComp.SetFocus

ElseIf cmbModel.Text = "" Then

MsgBox "Choose Model!", vbInformation, "Validation"

cmbModel.SetFocus

ElseIf cmbImeiNo.Text = "" Then

MsgBox "Select Imei NO!", vbInformation, "Validation"

cmbImeiNo.SetFocus

ElseIf txtBno.Text = "" Then

MsgBox "enter battery NO!", vbInformation, "Validation"

txtBno.SetFocus

ElseIf txtAno.Text = "" Then

MsgBox "enter adopter NO!", vbInformation, "Validation"

txtAno.SetFocus

ElseIf txtDisc.Text = "" Then

txtDisc.Text = "Null"

Else

Set rs = New adodb.Recordset

sql = "insert into sale values( '" & txtSId.Text & "','" & txtInvNo.Text & "', '" & Format(DTPicker1.Value, "dd/mmm/yyyy") & "','" & cmbSearch.Text & "', '" & cName.Caption & "','" & cEmail.Caption & "','" & cAddress.Caption & "','" & cmbType.Text & "','" & cmbComp.Text & "','" & cmbModel.Text & "','" & cmbImeiNo.Text & "','" & txtAno.Text & "','" & txtBno.Text & "'," & lbPrice.Caption & "," & lbTax.Caption & "," & txtDisc.Text & "," & lbTotal.Caption & ")"

Set rs = con.Execute(sql)

MsgBox ("ITEM SALED")

Set rs = New adodb.Recordset

sql = "delete from supplied where type='" & cmbType.Text & "' and comp='" & cmbComp.Text & "' and model ='" & cmbModel.Text & "' and imeino='" & cmbImeiNo.Text & "'"

Set rs = con.Execute(sql)

'txtQnty.Text = ""

lbPrice.Caption = ""

lbTax.Caption = ""

lbTotal.Caption = ""

txtBno.Text = ""

txtAno.Text = ""

txtDisc.Text = ""

'txtOrdId.Enabled = False

'AutoSnoId

cmbType.Clear

cmbComp.Clear

cmbModel.Clear

connection

Set rs = New adodb.Recordset

sql = "select \* from addproduct"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbType.AddItem rs.Fields(2)

rs.MoveNext

Wend

End If

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from sale", con

Set DataGrid1.DataSource = rs

'cmdSale.Enabled = True

End Sub

Private Sub cmdSave\_GotFocus()

If Format(DTPicker1.Value, "dd/mmm/yyyy") = Format(Now, "dd/mmm/yyyy") Then

Else

MsgBox ("Enter valid date")

DTPicker1.SetFocus

End If

End Sub

Private Sub Command1\_Click()

Unload Me

End Sub

Private Sub Command4\_Click()

custID.Show

End Sub

Private Sub cmbComp\_GotFocus()

cmbComp.Clear

connection

Set rs = New adodb.Recordset

sql = "select distinct prdcomp from addproduct where prdType='" & cmbType.Text & "' "

Set rs = con.Execute(sql)

While rs.EOF = False

cmbComp.AddItem rs.Fields("prdcomp")

rs.MoveNext

Wend

End Sub

Private Sub cmbModel\_Click()

connection

Set rs = New adodb.Recordset

sql = "select \* from addproduct where prdcomp='" & cmbComp.Text & "' and prdtype='" & cmbType.Text & "' and prdModel = '" & cmbModel.Text & "' "

Set rs = con.Execute(sql)

If rs.EOF Or rs.BOF Then

MsgBox "Do not have in the StocK!", vbCritical, "Validation"

Else

cmbModel.Text = rs.Fields(3) & ""

lbPrice.Caption = rs.Fields(15) & ""

lbTax.Caption = rs.Fields(16) & ""

lbTotal.Caption = Val(lbPrice.Caption) + Val(lbTax.Caption)

'cmdSave.Enabled = False

'cmdUpdate.Enabled = True

'cmdDelete.Enabled = True

End If

'txtQnty.SetFocus

End Sub

Private Sub cmbModel\_GotFocus()

connection

Set rs = New adodb.Recordset

sql = "select distinct model from supplied where comp='" & cmbComp.Text & "' "

Set rs = con.Execute(sql)

While rs.EOF = False

CmbModel.AddItem rs.Fields("model")

rs.MoveNext

Wend

End Sub

Private Sub Form\_Load()

CmdSave.Enabled = False

'cmdSale.Enabled = False

DTPicker1.Value = Date

connection

Set rs = New adodb.Recordset

sql = "select \* from customer"

Set rs = con.Execute(sql)

While rs.EOF = False

cmbSearch.AddItem rs.Fields(0)

rs.MoveNext

Wend

'Set rs = New adodb.Recordset

'sql = "select distinct color from addproduct where prdcomp= '" & cmbComp.Text & "' and prdtype='" & cmbType.Text & "' and prdmodel='" & cmbModel.Text & "' "

'Set rs = con.Execute(sql)

'While rs.EOF = False

'cmbColor.AddItem rs.Fields(13)

'rs.MoveNext

'Wend

Set rs = New adodb.Recordset

rs.CursorLocation = adUseClient

rs.Open "select \* from sale", con

Set DataGrid1.DataSource = rs

End Sub

Private Sub txtBno\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

TxtAno.SetFocus

End If

End Sub

Private Sub txtDisc\_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

If txtDisc.Text = "" Then

Else

TxtDisc.Text = (Val(lbTotal.Caption) \* Val(txtDisc.Text)) / 100

lbTotal.Caption = Val(lbTotal.Caption) - Val(txtDisc.Text)

End If

If IsNumeric(txtDisc.Text) Or txtDisc.Text = "" Then

Else

MsgBox "Enter Numeric discount"

End If

End If

End Sub

**MODULE**

Public con As adodb.connection

Public rs As adodb.Recordset

Public sql As String

Type otp

id As String

em As String

us As String

ad As String

random As Integer

types As String

vfid As String

total As Single

End Type

Global verify As otp

Public Sub connection()

Set con = New adodb.connection

Set rs = New adodb.Recordset

con.Open "Provider=MSDAORA.1;User Id=mansi/mobile; data source=localhost; persist security into =false"

End Sub

Public Function is Email(email As String) As Boolean

Dim my At As Integer

Dim myDot As Integer

Dim myDotDotAs Integer

IsEmail = True

MyAt = InStr(1, email, "@", vbTextCompare)

MyDot = InStr(myAt + 2, email, ".", vbTextCompare)

MyDotDot = InStr(myAt + 2, email, "..", vbTextCompare)

If myAt = 0 Or myDot = 0 Or Not myDotDot = 0 Or Right(email, 1) = "." Then isEmail = False

End Function

### TESTING TECHINQUES &

### TESTING STRATEGIES USED

**Software Testing** is evaluation of the software against requirements gathered from users and system specifications. Testing is conducted at the phase level in software development life cycle or at module level in program code. Software testing comprises of Validation and Verification.

## Software Validation

**Validation** is process of examining whether or not the software satisfies the user requirements. It is carried out at the end of the SDLC. If the software matches requirements for which it was made, it is validated.

* Validation ensures the product under development is as per the user requirements.
* Validation answers the question – "Are we developing the product which attempts that entire user needs from this software.
* Validation emphasizes on user requirements.

## Software Verification

**Verification** is the process of confirming if the software is meeting the business requirements, and is developed adhering to the proper specifications and methodologies.

* Verification ensures the product being developed is according to design specifications.
* Verification answers the question– "Are we developing this product by firmly following all design specifications.
* Verifications concentrate on the design and system specifications.

**Target of the test are:-**

* **Errors**:-These are actual coding mistakes made by developers. In addition, there is a difference in output of software and desired output, is considered as an error.
* **Fault:**-When error exists fault occurs. A fault, also known as a bug, is a result of an error which can cause system to fail.
* **Failure:**-Failure is said to be the inability of the system to perform the desired task. Failure occurs when fault exists in the system.

## Manual Vs. Automated Testing

Testing can either be done manually or using an automated testing tool:-

* **Manual** - This testing is performed without taking help of automated testing tools. The software tester prepares test cases for different sections and levels of the code, executes the tests and reports the result to the manager.Manual testing is time and resource consuming. The tester needs to confirm whether or not right test cases are used. Major portion of testing involves manual testing.
* **Automated** :- This testing is a testing procedure done with aid of automated testing tools. The limitations with manual testing can be overcome using automated test tools.A test needs to check if a webpage can be opened in Internet Explorer. This can be easily done with manual testing. But to check if the web-server can take the load of 1 million users, it is quite impossible to test manually.

There are software and hardware tools which helps tester in conducting load testing, stress testing, regression testing.

## Testing Approaches

Tests can be conducted based on two approaches –

* **Functionality testing**
* **Implementation testing**

When **functionality** is being tested without taking the actual implementation in concern it is known as black-box testing. The other side is known as white-box testing where not only functionality is tested but the way it is implemented is also analyzed.

Exhaustive tests are the best-desired method for a perfect testing. Every single possible value in the range of the input and output values is tested. It is not possible to test each and every value in real world scenario if the range of values is large.

**Black-box testing**

It is carried out to test functionality of the program. It is also called ‘Behavioral’ testing. The tester in this case, has a set of input values and respective desired results. On providing input, if the output matches with the desired results, the program is tested ‘ok’, and problematic otherwise.

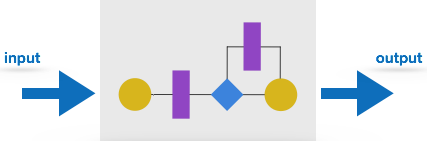
In this testing method, the design and structure of the code are not known to the tester, and testing engineers and end users conduct this test on the software.

Black-box testing techniques:-

1. **Equivalence class** - The input is divided into similar classes. If one element of a class passes the test, it is assumed that all the class is passed.
2. **Boundary values** - The input is divided into higher and lower end values. If these values pass the test, it is assumed that all values in between may pass too.
3. **Cause-effect graphing** - In both previous methods, only one input value at a time is tested. Cause (input) – Effect (output) is a testing technique where combinations of input values are tested in a systematic way.
4. **Pair-wise Testing** - The behavior of software depends on multiple parameters. In pairwise testing, the multiple parameters are tested pair-wise for their different values.
5. **State-based testing** - The system changes state on provision of input. These systems are tested based on their states and input.

# White-box testing

It is conducted to test program and its implementation, in order to improve code efficiency or structure. It is also known as ‘**Structural’** testing.



In this testing method, the design and structure of the code are known to the tester. Programmers of the code conduct this test on the code.

The below are some White-box testing techniques:-

* **Control-flow testing** - The purpose of the control-flow testing to set up test case which covers all statements and branch conditions. The branch conditions are tested for both being true and false, so that all statements can be covered.
* **Data-flow testing** - This testing technique emphasis to coverall the data variables included in the program. It tests where the variables were declared and defined and where they were used or changed.

## Testing Levels

Testing itself may be defined at various levels of SDLC. The testing process runs parallel to software development. Before jumping on the next stage, a stage is tested, validated and verified.

Testing separately is done just to make sure that there are no hidden bugs or issues left in the software. Software is tested on various levels:-

# Unit Testing

While coding, the programmer performs some tests on that unit of program to know if it is error free. Testing is performed under white-box testing approach. Unit testing helps developers decide that individual units of the program are working as per requirement and are error free.

### Integration Testing

Even if the units of software are working fine individually, there is a need to find out if the units if integrated together would also work without errors. For example, argument passing and data updation etc.

# System Testing

The software is compiled as product and then it is tested as a whole. This can be accomplished using one or more of the following tests:-

1. **Functionality testing**:-Tests all functionalities of the software against the requirement.
2. **Performance testing**:-This test proves how efficient the software is. It tests the effectiveness and average time taken by the software to do desired task. Performance testing is done by means of load testing and stress testing where the software is put under high user and data load under various environment conditions.
3. **Security & Portability**:-These tests are done when the software is meant to work on various platforms and accessed by number of persons.

# Acceptance Testing

When the software is ready to hand over to the customer it has to go through last phase of testing where it is tested for user-interaction and response. This is important because even if the software matches all user requirements and if user does not like the way it appears or works, it may be rejected.

1. **Alpha testing** - The team of developer themselves perform alpha testing by using the system as if it is being used in work environment. They try to find out how user would react to some action in software and how the system should respond to inputs.
2. **Beta testing** - After the software is tested internally, it is handed over to the users to use it under their production environment only for testing purpose. This is not as yet the delivered product. Developers expect that users at this stage will bring minute problems, which were skipped to attend.

# Regression Testing

Whenever a software product is updated with new code, feature or functionality, it is tested thoroughly to detect if there is any negative impact of the added code. This is known as regression testing.

## Testing Documentation

Testing documents are prepared at different stages :–

### Before Testing

Testing starts with test cases generation. Following documents are needed for reference –

1. **SRS document** - Functional Requirements document
2. **Test Policy document** - This describes how far testing should take place before releasing the product.
3. **Test Strategy document** - This mentions detail aspects of test team, responsibility matrix and rights/responsibility of test manager and test engineer.
4. **Traceability Matrix document** - This is SDLC document, which is related to requirement gathering process. As new requirements come, they are added to this matrix. These matrices help testers know the source of requirement. They can be traced forward and backward.

# While Being Tested

The following documents may be required while testing is started and is being done:

1. **Test Case document** - This document contains list of tests required to be conducted. It includes Unit test plan, Integration test plan, System test plan and Acceptance test plan.
2. **Test description** - This document is a detailed description of all test cases and procedures to execute them.
3. **Test case report** - This document contains test case report as a result of the test.
4. **Test logs** - This document contains test logs for every test case report.

# After Testing

The following documents may be generated after testing.

**Test summary** - This test summary is collective analysis of all test reports and logs. It summarizes and concludes if the software is ready to be launched. The software is released under version control system if it is ready to launch.

**SYSTEM SECURITY MEASURES**

IMPLEMENTATION:-The implementation of a new system will involve changing from a manual system to a computerized system where both data and procedures will require to be changed. At this stage, the developed system will go live that is at the process level. Implementation assembles hardware and applicable together to see that they are compatible and are working properly in the live environment.

Before cut over the new system, many tasks need to be accomplished for example the required master data must be assembled from the existing clerical files. The following steps will be undertaken to complete the implementation plan successfully.

Implementation procedure describes details about how the new system will go live followed by a set of steps that include data conversion, infrastructures setup, integration testing, procedure conversion etc. At the end of this stage, if any proposed system follows this kind of procedures for development of an application then that will be good and reliable application to use.

**DATABASE / DATA SECURITY**

A **database** is an organized collection of [data](https://en.wikipedia.org/wiki/Data_(computing)), generally stored and accessed electronically from a computer system. Where databases are more complex they are often developed using formal [design and modeling](https://en.wikipedia.org/wiki/Database#Design_and_modeling) techniques.

The [**database management syste**](https://en.wikipedia.org/wiki/Database#Database_management_system)**m (DBMS)** is the [software](https://en.wikipedia.org/wiki/Software) that interacts with [end users](https://en.wikipedia.org/wiki/End_user), applications, and the database itself to capture and analyze the data. The DBMS software additionally encompasses the core facilities provided to administer the database. The sum total of the database, the DBMS and the associated applications can be referred to as a "database system". Often the term "database" is also used to loosely refer to any of the DBMS, the database system or an application associated with the database.

Computer scientists may classify database-management systems according to the [database models](https://en.wikipedia.org/wiki/Database_model) that they support. [Relational databases](https://en.wikipedia.org/wiki/Relational_database)became dominant in the 1980s.

These model data as [rows](https://en.wikipedia.org/wiki/Row_(database)) and [columns](https://en.wikipedia.org/wiki/Column_(database)) in a series of [tables](https://en.wikipedia.org/wiki/Table_(database)), and the vast majority use [SQL](https://en.wikipedia.org/wiki/SQL) for writing and querying data. In the 2000s, non-relational databases became popular, referred to as [NoSQL](https://en.wikipedia.org/wiki/NoSQL) because they use different [query languages](https://en.wikipedia.org/wiki/Query_language).

Formally, a "database" refers to a set of related data and the way it is organized. Access to this data is usually provided by a "database management system" (DBMS) consisting of an integrated set of computer software that allows [users](https://en.wikipedia.org/wiki/User_(computing)) to interact with one or more databases and provides access to all of the data contained in the database (although restrictions may exist that limit access to particular data).

The DBMS provides various functions that allow entry, storage and retrieval of large quantities of information and provides ways to manage how that information is organized.

Existing DBMSs provide various functions that allow management of a database and its data which can be classified into four main functional groups:

* **Data definition** – Creation, modification and removal of definitions that define the organization of the data.
* **Update** – Insertion, modification, and deletion of the actual data.
* **Retrieval** – Providing information in a form directly usable or for further processing by other applications. The retrieved data may be made available in a form basically the same as it is stored in the database or in a new form obtained by altering or combining existing data from the database.
* **Administration** – Registering and monitoring users, enforcing data security, monitoring performance, maintaining data integrity, dealing with concurrency control, and recovering information that has been corrupted by some event such as an unexpected system failure.

Both a database and its DBMS conform to the principles of a particular [database model](https://en.wikipedia.org/wiki/Database_model)."Database system" refers collectively to the database model, database management system, and database.

BIBLIOGRAPHY

<https://www.google.com/>

<https://www.scribd.com/doc/97508346/Mobile-Store-Management-System>

<https://en.wikipedia.org/wiki/Mobile_content_management_system>

<https://www.youtube.com/watch?v=8W38KntdzXY>

<https://www.slideshare.net/Dinesh48/project-report-on-msm-mobile-shop-managem>

### GLOSSARY

In this dissertation we have studied different management systems used during evaluation and presented a low cost store management system application with the help of that study. A survey was also conducted to get current needs of small businesses which could be willing to migrate to the **Mobile Store Management System** application.

The implementation of this system as a single solution for different businesses was challenging. I have learned a lot about document writing during this progression. The process of writing thesis document, which is a research paper, was not familiar to me, but of great benefit.

The application **Mobile Store Management System** is created to help small businesses to transfer their records from paper-based system to computerized system, even with a low budget. At the same time, the requirements of a basic store have been taken care of, and a few features that can make the application easier to use and easy to understand to the user with beginner level knowledge of computers have been added.

I hope that **Mobile Store Management System** fulfills all basic requirements for stores with intention of transferring to computerized billing and inventory system. The survey of real world small businesses helped me to understand current practice, and possible needs.