

MOBILE SHOP MANAGEMENT SYSTEM

GROUP ID : PG19IT05

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1. Introduction

1.1 Purpose

This software requirement specification (SRS) is design and its main objective is to illustrate all the requirements of the project Mobile shop Management System. This SRS document mention all the information related to the project and it will give the detail description of each and every functional and non functional requirement that proposed by the client. And also this SRS will illustrate what are the main user interfaces that the system looks like after the implementation and how they connect each other using some sketching. Then the client can easily understand the system final system. This SRS document is design after having some consultations with the client and after getting a complete understand about the clients requirements. Therefore the final software solution of the development team will be meet all the clients requirements and all the functionalities will be function as the describe here in this SRS document.

1.2 Intended Audience and Reading Suggestions

In the following section it will describe who the intended audiences are and what the important levels that they should specially read in this SRS document.

Client

In here manager of this project has the administrative power and other users have some minimum power to use this software. Therefore all the users in this system should have a clear idea about the hardware and software requirements that engaged with the final system. Therefore the authors would suggest to clients to go through the product functions, external interface requirements and system features.

Lecturer

Since this is a student project, the lecturer in charge of subject will get a clear idea how this SRS is organized and design.

Supervisor

The supervisor of this project and he can get a clear idea about the SRS and give some suggestions to increase the correctness of this SRS document.

Team members

There are four members of this project team and also they are the developers of this software solution they have a real advantage of quickly and easily understand the methodologies and techniques that are going to use in this project. As developers they go through the product functions, use case and activity diagrams, suggested user interfaces and the database scenario. Finally, the above mentioned audience will be check this SRS document frequently

to get a clear understand about this product as it go through in several design and implementation levels to ensure that the final system being completed by the given requirements.

1.3 Intended Use

Mobile Shop Management System is an online application, from which user can easily manage Brands details, Stock details, Sells details. Admin can track all the information of Brands, Customers, Stock etc... Admin can edit, add, delete and update the records of Sells, Payment, Models.

1.4 Product Scope

Project Title : Mobile Shop Management System.

Description :

The main objectives of the project is to help the ongoing user help to attain a easy way to navigate the customer's details and customer's problems. It is basically a very instant processing system by which customer can get mobile in right condition.

Product Characteristics:

- Handle Stock details.
- Secured database
- Generate all kind of reports.
- Handle Staff Details.

Benefits for the client:

- Increase the accuracy of data.
- Increase the efficiency and performance of the system.
- Informing process via report generating.
- Security and integrity.

Goals:

- Since the client has a manual system they can use this proposed software system to increase the productivity of their project.
- Also using this software solution they can achieve their business goals with less amount of time

- As developers, the main goal of the development team is complete this project within allocated time period and within the budget allocated.

Definitions and Acronyms :

MMS: Mobileshop Management System.

Here we list the acronym of MMS in largest database of abbreviation and acronym. Mobileshop management software is any system used to stores all information of the Mobiles. System can able to accept user request and manages information like Mobile's as their Prices. System Provide facility of payment and purchase Products.

2.Overall Description

2.1 User Needs

Admin who is the Major user of the Product consider as the Administrator, who use the System with All privilege levels have to Manager And the other users of the System known as Employers can Add, update View the data from the System they have least privileges .

There are two different users who will be using this Product:

- Admin who will be acting as the Administrator
- Employers who get details from the System and insert details to system

The functions that are available to the Admin are:

- Insert, Update, Delete and Find Product details.
- Insert Purchase details.
- View purchase report Insert, Update, Delete and Find Supplier Details.
- Insert, Update, Delete and Find Wholesale customer Details.
- Insert distributed product details View distributed stock report.
- Generate all kind of Bills.
- Insert, Update, Delete and Find Employee Details.

The functions available to the Employers:

- Insert, Update and Find Product details.
- Insert Purchase details.
- Insert, Update and Find Supplier Details.
- Handle report
- Generate all kind of Bills

The function available to the Customer:

- View product
- Explore features and purchase product.
- Make payments

2.2 Assumptions and Dependencies

The database system requires huge amount of peripheral storage space. This is needed not only for the database of interest to users ,but also for the database system as well

3. System Features and Requirements

3.1 Functional requirements

Handle stock details.

Stock detail function is a major function in mobile shop database system. It includes all the major details about products. In this stock each item has a unique ID. By using the ID items can uniquely identity and find the product information with view function. If you buy a new stock or return a stock, it is necessary to include it to database based on ID of the product. The system will automatically do the calculation of the price and give the final total to be paid. By this employee and admin can manage a stock which has correct and up to date details. Inside of this function we generate stock purchase report.

Handle purchase and sale report

Distributing product and other selling items among customers is the function of this mobile shop management system. This system has to maintain online shopping facilities. Admin and employee of the system should have to insert customer name, ID, price of a single unit and quantity. The system will automatically calculate the final price that customer has to be paid. In this system we provide an additional object to view a report about purchase and sale .In this system sales can be uniquely identify by their names or their ID.In this mobile shop management system we are having the facility of purchase report and sale report of the shop in a particular interval of date.

Handle cash billing

Billing is an important function in mobile shop system because all the transactions between customer and mobile shop happen under this function. In this system there is a unique ID for all selling items. The admin and employee of the system should have to insert the name of the item or ID (if he/she can remember) and the quantity of each selling item. The database of this system has the price of a single unit of each item. In addition to that system will automatically calculate and give the final price that customer should has to pay.

3.2 External Interface Requirements

System Requirements:

The system services and goals are established by consultation with system user. They are then defined in details and serve as a system specification. System requirement are those on which the system runs.

Hardware Requirements:

- Computer with either Intel Pentium processor or AMD processor.
- RAM atleast 1 GB.
- 32/64 bit OS.

Software Requirements:

XAMPP

Languages Used :

Front end:

- HTML
- BOOTSTRAP
- JavaScript
- CSS

Back end :

- PHP
- MySQL

4. System Features

ADMIN

- Admin can login to the system.
- Here Admin can add new admin, employee, product.
- Delete product, employee.
- View stock.

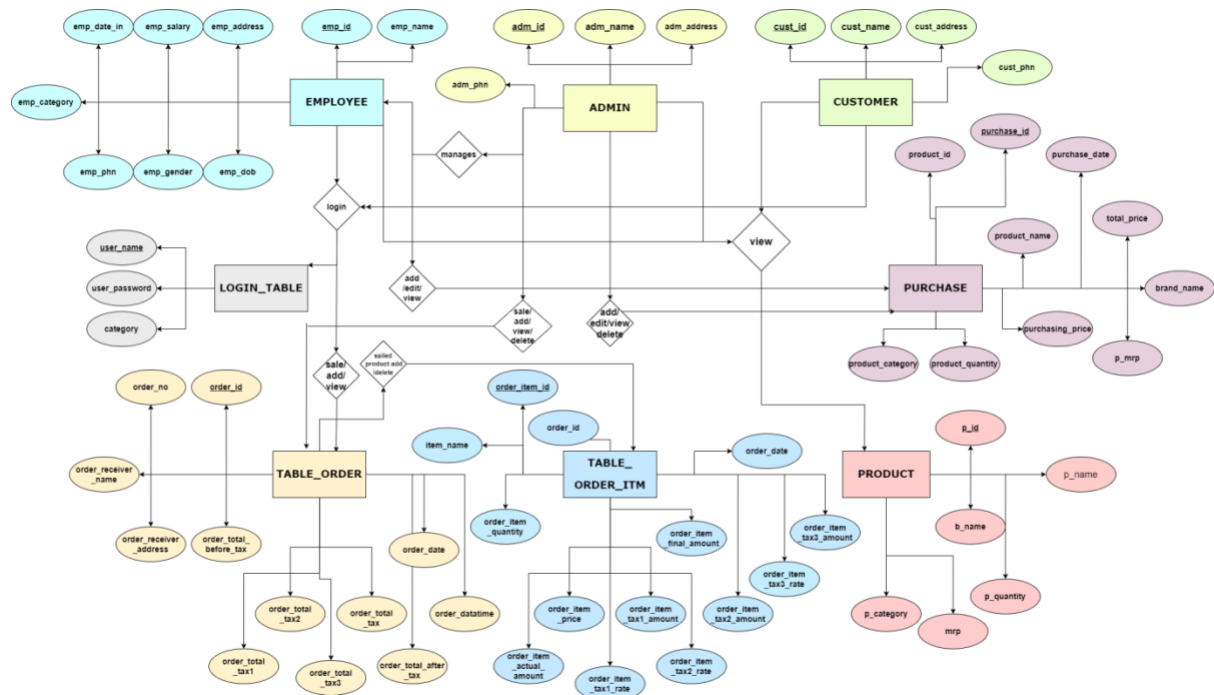
EMPLOYEE

- Employee can login to the system.
- Add product , that will displayed in the system.
- Also know the stock of the product.
- Employee can update stock , view product

CUSTOMER

- Customer can view product.
- Explore features of the product.
- Purchase product.
- Make payments.

- **ERDiagram**



Non Functional Requirements

Performance Requirements

The Mobile shop Management System has minimum hardware and software requirements. In this web application we have several Graphical User Interfaces and the time required to move one GUI to another GUI will change based on the type of hosting. The processor, memory and bandwidth increases, then performance of the web application will increase.

Safety Requirements

Data is an important part of our system. We use one central database to store all data. If any power failure, virus attack or data crash can lose all data in the database. Therefore we recommend taking the backup for the database in a period of time. And also recommend installing an updated virus guard to the database machine. Security Requirements Mobile shop Management System have different types of users which are customers, employees and administrator. It will provide different access permissions to these users. They can access their own account by providing the username and password. Also they can change their own personal details and login credentials when they needed. Administrator can access all the functions but others can access limited functions based on their role.

Software Quality Attributes

Availability

The Mobile shop Management System which is a web application that can be accessed by any web browsers like chrome, mozillafirefox..etc.

Operability

This web application can work in touch devices like mobile phones, tablets and also works in computers.

Correctness

We are doing various test cases and checking the accuracy of the system. If any errors are found, we correct them before delivering the software to the client.

Flexibility

After delivering software if client want to do any changing we hope to do that changes immediately without any charges.

Maintainability

We are providing a one year maintenance warranty. We will provide 24*7 hour support to the client within the warranty period. After the warranty period they should pay. If the client need to change the hosting provider or upgrade the hosting features then the client should pay the respective amount. At the delivery time it will be delivered with a user manual which will detail the use of the system client.
