

WAREHOUSE MANAGEMENT SYSTEM

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This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering

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APPROVAL

This Project titled “**Warehouse Management System**”, submitted by Md. Hasanuzzaman, ID no. 152-15-6168, Saleh Ahmed, ID no. 152-15-6124 and Shawon Banik ID no.152-15-6125 to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 04 May, 2019.

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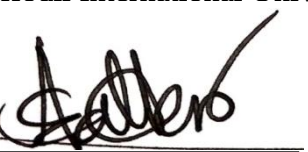
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We hereby declare that, this project has been done by us under the supervision of **Md. Riazur Rahman, Senior Lecturer, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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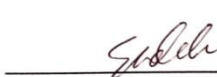
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ABSTRACT

The ambition to design and develop this project “**Warehouse Management System**” is to produce such system, which can help the warehouse organization to collect data, search data, uploading information and process all possible information for registered organization around the world. A warehouse management system is a software application which is designed to support and optimize warehouse functionality and distribution center management. This system facilitate in their daily planning, organizing, staffing, directing and controlling the utilization of available resource. In our country there are many small little businesses which produce lots of products for their business. But they do not have the proper and secure place for store. For this they contact with warehouse organizations to store their products. But the ancient warehouse management system is too slow and a much lengthy process to maintain their product for each organization. This **Warehouse Management System** can make all the work easier for warehouse organization. This system attempts to solve the time-consuming problem, which is very big problem for the ancient system. This system can make faster transaction to client organizations. The real time notification system and real time product monitoring system makes this whole system much reliable to clients. Every information will be stored by the system for further investigation. So every client can investigate their daily transaction whenever they want. The security system is too much efficient so every client can trust the system without any doubt. Moreover, from the result of the project it saves clients valuable time, make every relative work easy, get the real-time location and information of the product and make the warehouse maintenance system very simple.

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CHAPTER 1

INTRODUCTION

“Warehouse Management System” is a web base application which is very helpful for both user, manager and admin and work with structural and flexible warehouse management and saving time.

1.1 Introduction

Nowadays increasing the number of company and they need to store safely their important product or important things. In this reason we need to a structural and well security warehouse to store this kind of important things. But warehouse is a very large place so that the warehouse companies don't organize easily. So they face many problems. So we want to make such kind of web application which help the warehouse company to management structurally and give good security.

Our web application mainly works with three authentications. One part is for Users which is mainly company and other part is Manager who maintain the all activity of the warehouse and the another part is Admin, who check all the activity as like when need to add any manager or remove manager and remove users. We also provide well security system by scanner which helps us to store good product or any things and don't allow to any harmful things. There are many web application such like that our web application **“Warehouse Management System”** [1-3] included some new features like as no invalid user don't registration to our site and verify with email. Besides all the important information are provide with real time emailing system. And for find the cave and box we provide direction so that staff can easily find the cave and box.

1.2 Motivation

“Warehouse Management System” [4-6] is an online web application which we mainly develop for good structural management and good security. Generally Warehouse is a very large place so manually management is so difficult. Because all the process of warehouse is so complex and don't well structural. And that's reason we want to develop this project so that we can manage the Warehouse very structurally and give good security.

1.3 Objectives

Objective of our system are mentioned below:

- Designing and implementing a simple and effective system for warehouse management organization.
- Ensure the valid information and secure product for each client's organization.
- Providing a real time product tracking and notification system for each registered client's organization.
- Designed to store every transaction from client's organization so that they can monitor every product wherever or whenever they want.
- Providing high tech security for both online system and real life monitoring system.
- Finally implementing a complete system for the warehouse organization to eliminating all ancient problems of warehouse management system.

1.4 Expected Outcome

“Warehouse Management System” is a online web application where admin, manager and user can get benefit from these. User need to registration and login firstly then they can request to store their product. Manager also needs to login our system and then they can check and maintain all the process of warehouse. And the Admin of the system can see the all activity like as add or remove users and managers. Admin and Manager all see the activity of the warehouse by some important graph.

1.5 Report Layout

In our report we have six chapters. Summarization of the all chapter is given below:

The Introduction, motivation, objective, expected outcome and report layout of our project have been described in chapter one. In chapter two, we covered basically the background of our project and also covered related work. Comparative studies, scope of the problem and challenges for our project. In chapter three, we covered the requirement specification for our project. Besides business process model, requirement collection and analysis, use case modeling and description, design

requirement and logical data model are covered. In chapter four, mainly we discuss details the design specification of our project including with front-end design, back-end design, and interaction design and UX and implementation requirement. In chapter five, we covered the details of implementation and testing part including with implementation of database, implementation of front-end design and test result and report. In chapter six, we covered the conclusion and future scope of our project.

CHAPTER 2

BACKGROUND

2.1 Introduction

Warehouse is a very large place so all activity do by management is so difficult. Because there are huge caves and boxes in the warehouse and all the information has record manually is so challenging. Besides it is very difficult to tell the position of the box easily. And the maintain system is so hard if do it manually

Considering all the problems, we tried to develop a project “Warehouse Management System” so that we can manage the warehouse management very easily and structurally. Besides here we also add some new features like as real time emailing system which send the update information of warehouse. Another features we add here that manager can easily monitor the all activity by graph and get direction to find the cave and box.

2.2 Related Works

In our project “Warehouse Management System” basically works with three parts which are Admin, Manager and User part. Admin can add and remove both manager and user. The manager can monitor the all process of management and the user can send request to store their product and see the update with email.

2.3 Comparative Studies

We can study for same features sites and found it. But they are not similar, which we can try to developing. Now we can say that, it's a few applications united to work such. Manual system of warehouse management system has many defects. We are trying to make a simple and user friendly site for users and managers. The main goal of our project is to make first class warehouse management system.

2.4 Scope of the Problem

Now manually system is very difficult for the Warehouse because all the activity of warehouse monitor manually then all the employees face many difficulties because warehouse is a very large place so manage this very hard. So for the all difficulties, we want to develop an online web application which helps the warehouse to

management simply and structurally. We hope that our project help the warehouse company very much because our project give them secure and very structural management.

2.5 Challenges

When anyone develops any kind of project then they face many difficulties to complete their project. Similarly we have to face many challenging parts.

These are:

- Warehouse is a large place and it's have many procedure so when we design a structural database we face many problem.
- Here we add real time output with emailing system which is more challenging.
- For tracking cave and box easily we have also some procedure which is also difficult to develop.
- For security we add some product validation system which is so hard for us.

CHAPTER 3

REQUIRMENT SPECIFICATION

3.1.1 Business Process Model

Business process modeling is the action of representing process of an business, so that the current process may be analyzed, improved and automated. BPM is typically implemented by business analysis, who provide proficiency in the modeling discipline. The main function of Business Process Modeling improves the way the processes are done.

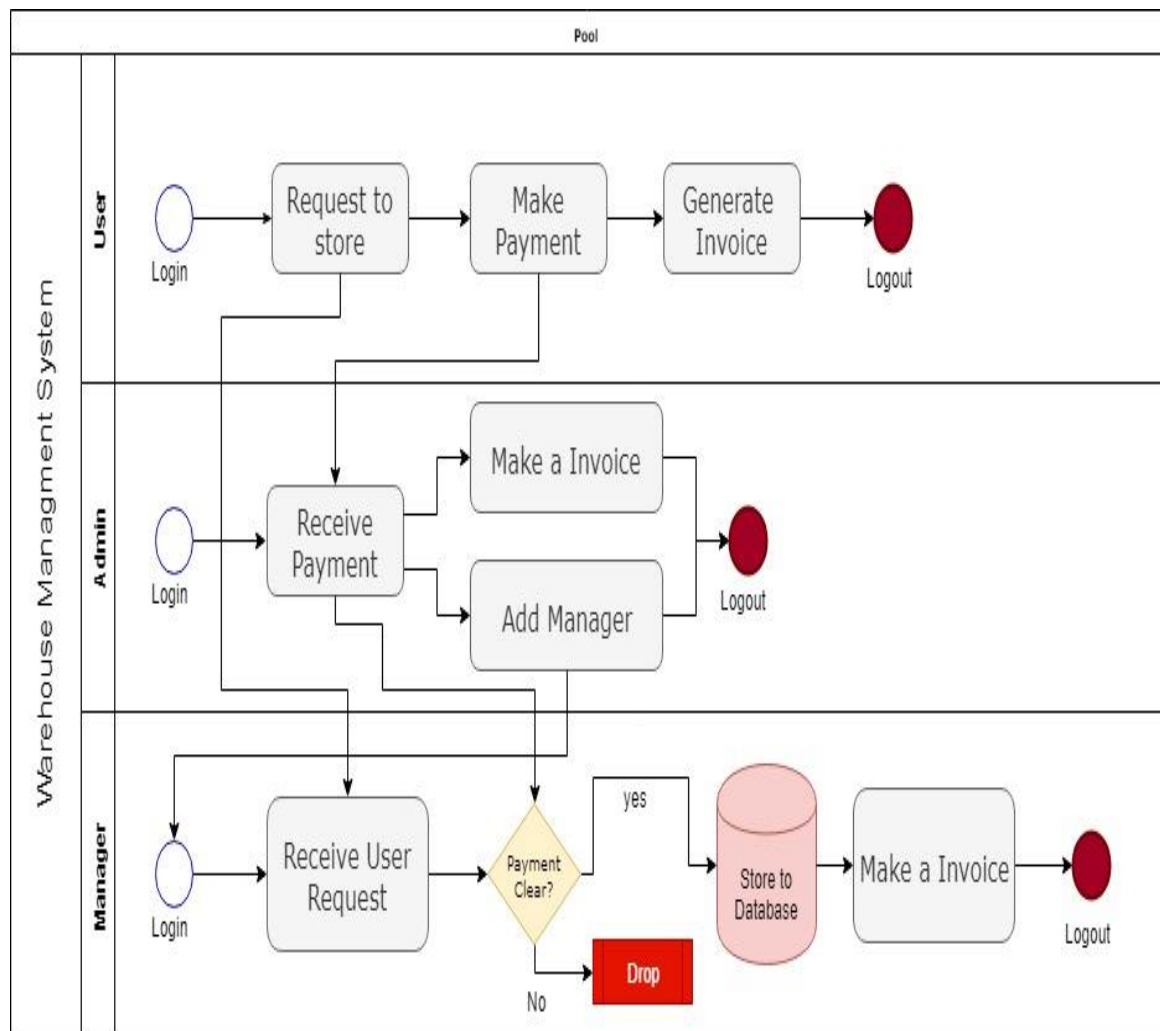


Figure 3.1: Business Process Model

3.1.2 Block Diagram

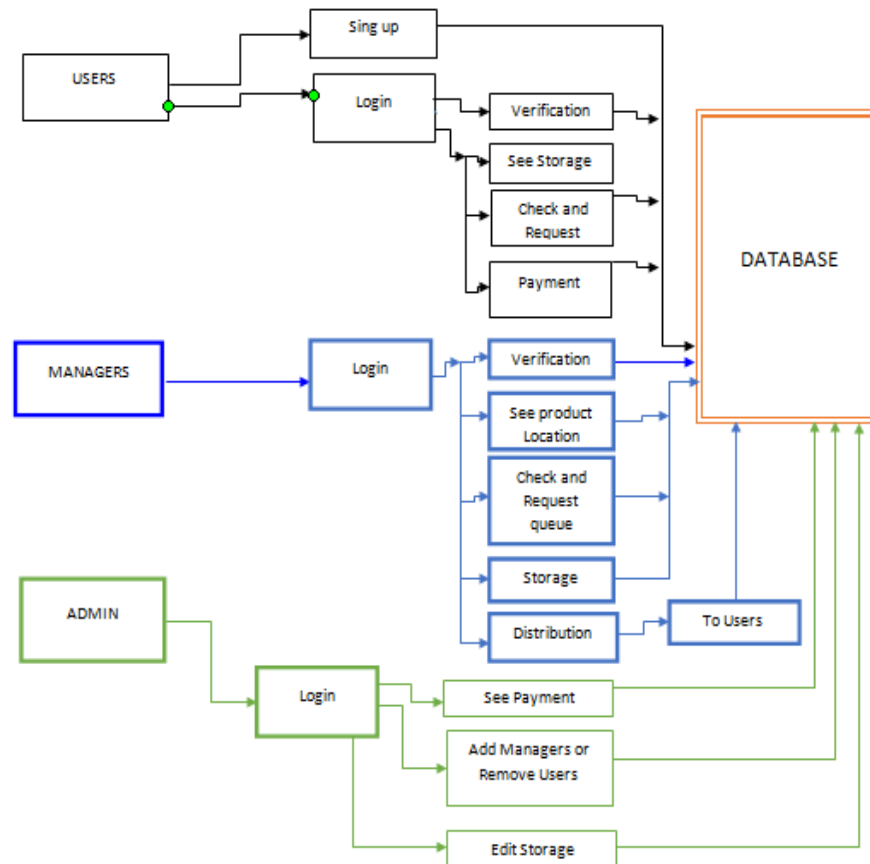


Figure 3.2: Block Diagram of the System

3.2 Requirement Collection and Analysis

Requirement collection and analysis is one of the initial states of application improvement. For expanse, there are two types of requirements, one is the functional requirement and others nonfunctional requirement. Functional requirements are those actions that's software application can be perform. Then Nonfunctional requirements define to the identity of an application, as like the application is how much expert, Presentation expression of the application and many more.

3.2.1 Non-Functional Requirement

Non-functional requirements are supporting to being more skilled, optimize performance, memory consuming, smoother operation, and load on speedy as feasible to our application. Application UI should be user neighborly and bright for user taste.

3.2.2 Feasibility Study

The system is to analyze the moved system and to decide whether the system under discretion will be workable or not implementation. It consider the usability of the project after improvement. Now describes how our system can meet to the user's requirements, what resources are usable for our application with many other things. Study is more valuable to know about the present status of market. Many types of feasibility study we performed on our project "Warehouse Management System".

3.3 Use Case Modeling and Description

Use case is a description of how a user will use the system to complete his business goals. The application represents a functional or an object. There are two main components of a use case diagram. Actors in a use case diagram are any entity that performs in system.

In use case diagram is given below –



Figure 3.3: Use Case Diagram of the System

3.4 Logical Data Model

Logical data model describes that data are stored in database. It includes all entities and relationship among them. Actually, Logical data model arrives the Entity Relationship Diagram called E-R diagram. In E-R diagram all attributes are specified. All attributes are specified in the diagram. In figure below, we have given the ER diagram of our system.

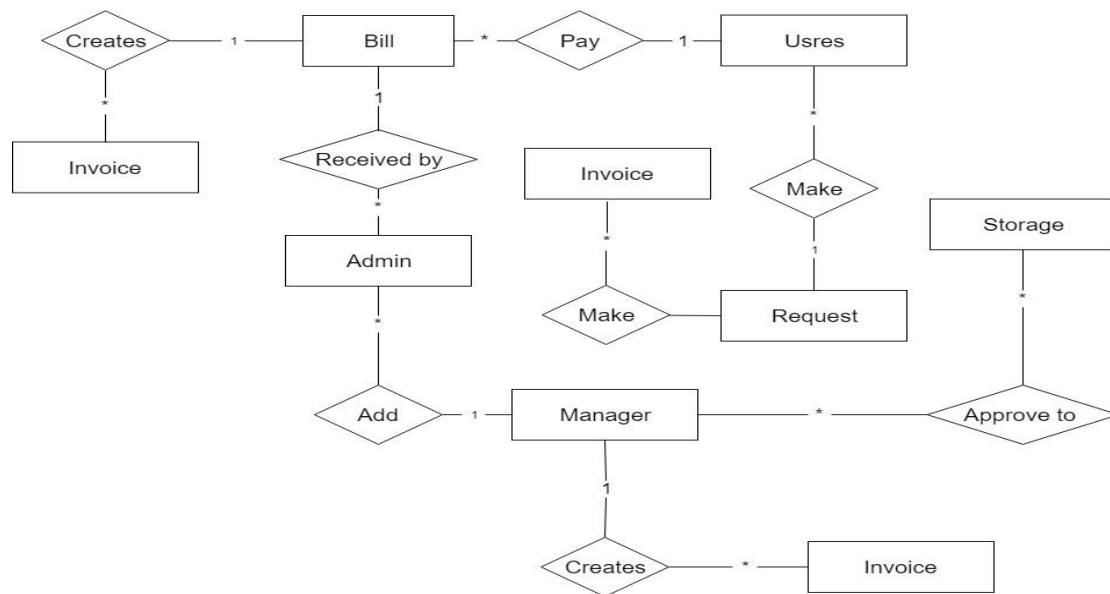


Figure 3.4: ER Diagram of the system

3.5 Design Requirements

Developing an application starts with requirements design. Because with all the process are depend upon the requirement design. Some important requirement is given below:

- First we have to maintain the simplicity of the all process.
- We have to decreases the initial process time.
- We have to produce the fast and effective data process system.
- We have to maintain the tracking system for all kind of information related to product.
- We have to take a good care for users to inform them with proper information about their work

CHAPTER 4

DESIGN SPECIFICATION

The main important part of a web base system is Designing. In this section of Design Specification, we will try to show the front-end and back-end design of the project we done already. We will talk about necessary tools and platform, which we already used to develop this project. We will provide images to make it easier for everyone to understand.

4.1 Front-end Design

Front-end is a most important section for the application development. It is worked on presentation layer and user can directly interact with users or a person. Now-a-days people are attractive to short and easy things. So front-end or GUI of any kind of application have to be very simple and shortly understandable. So, we tried to make our project font-end very simple and easy. But the development was very difficult for us. We already mentioned that we have three different authenticating systems for this project. So we attach our front-end picture according to authenticating system.

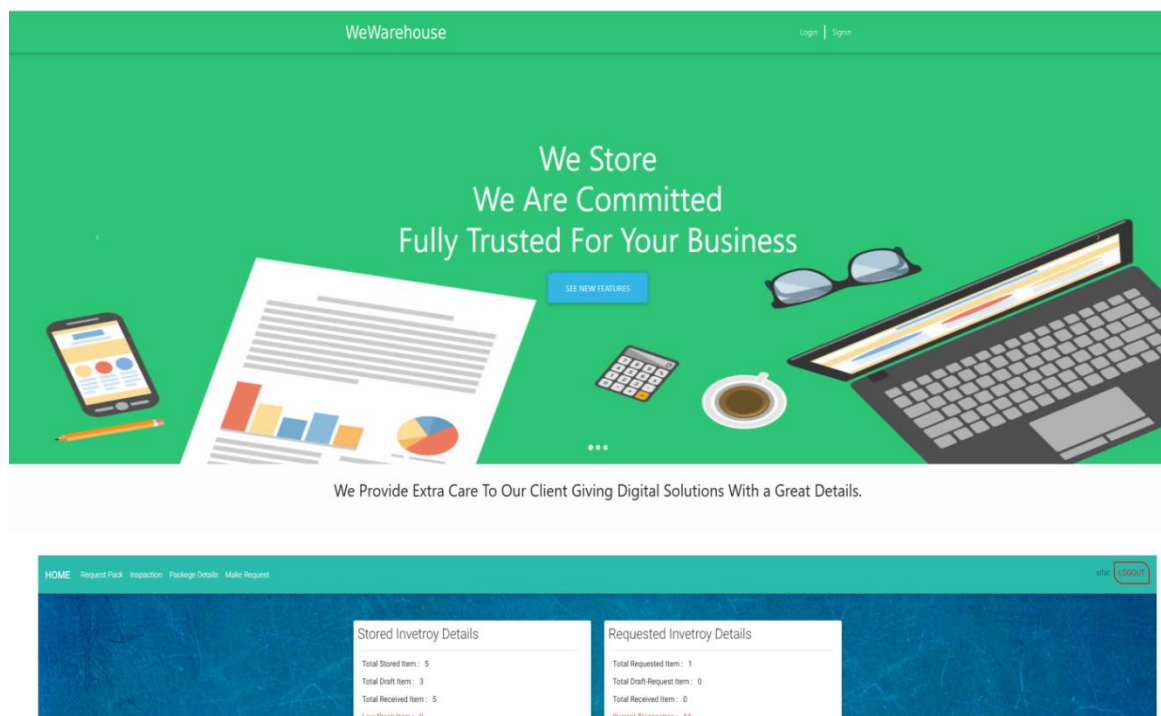


Figure 4.1: index page

This is the index page of our system. User can see what we are offering for services.

Figure 4.2: login Page

This is the login page. Client's can login here with registered mail.

Figure 4.3: signup page

This is the signup page. There all clients' can register their account with valid mail.

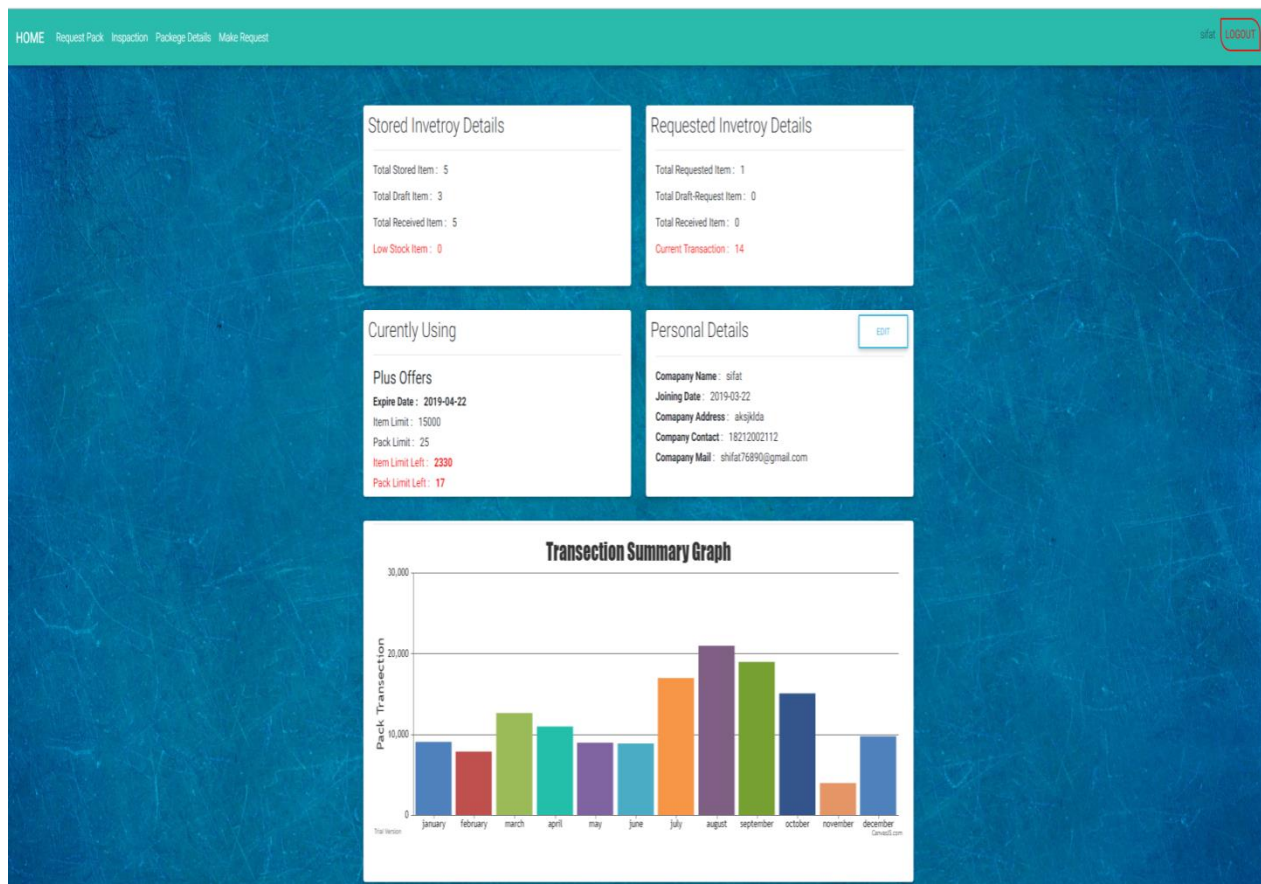


Figure 4.4: user index

This is the main user index page. Here a user can see their product and storage information at a glance.

The screenshot shows the 'Request for the storage' form and a 'Queue Table'. The form on the left contains the following fields:

- Enter item name
- Enter item id (1000****)
- Enter item amount
- Select item unit...
- Enter manufacturer name
- Select item type...
- Enter description (be very specific here)
- INSERT button

The 'Queue Table' on the right has the following columns: PACK ID, PACK TYPE, PACK NAME, and DATE. The table body is currently empty.

Figure 4.5: request to store process

Here user can request to warehouse organization to store their product.

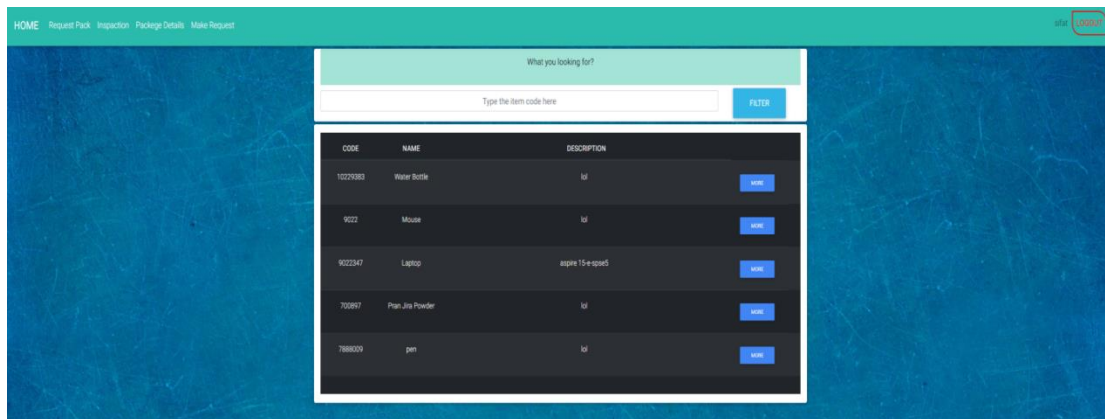


Figure 4.6: storage page

In this page user can see the stored product list with details

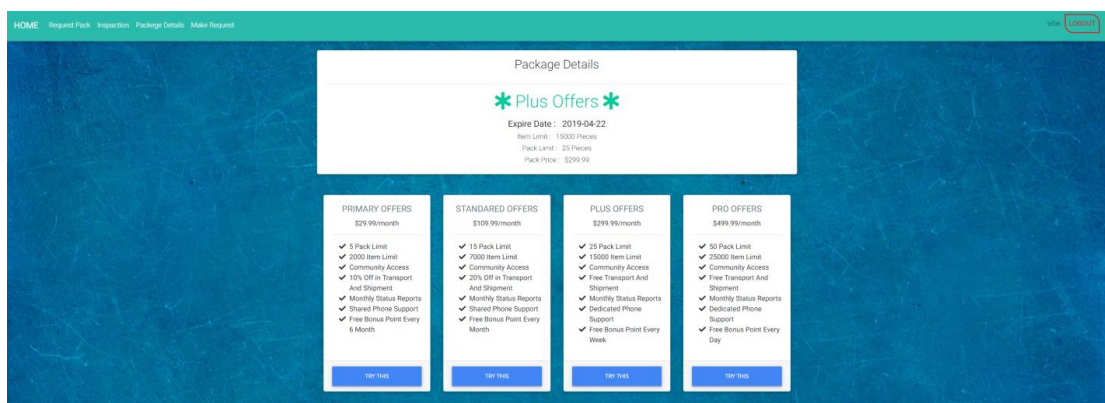


Figure 4.7: packages

In this section user can chose the suitable pack for their organization.

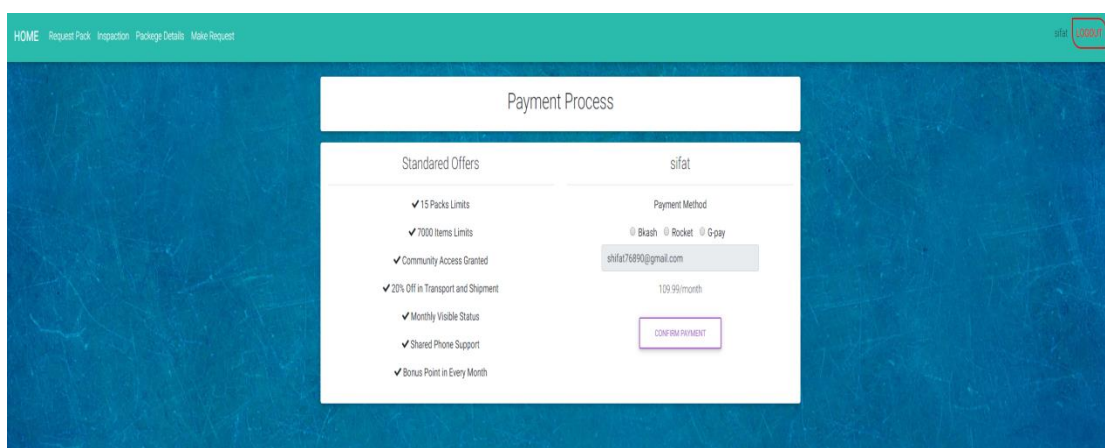


Figure 4.8: payment process

Here user can pay the bill with selected method.

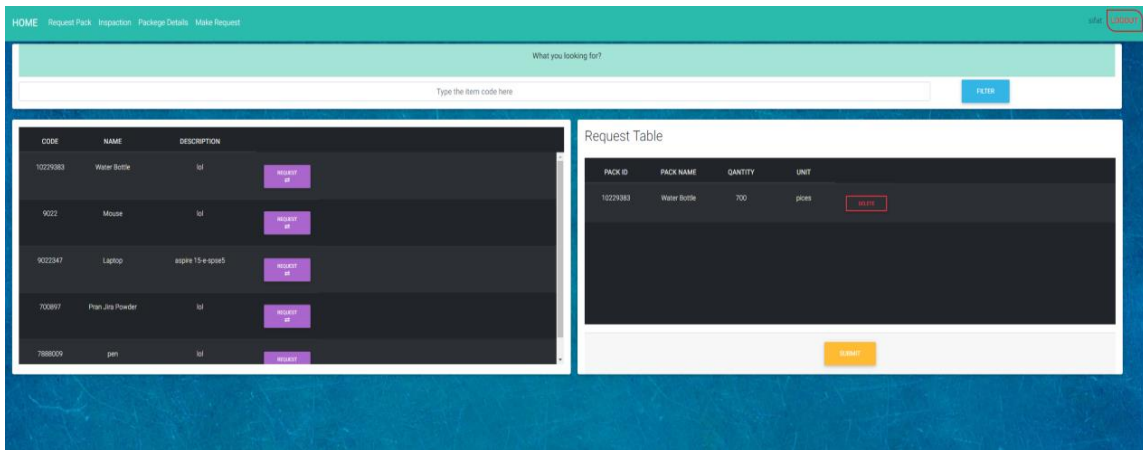


Figure 4.9: request to delivery

This page shows the request process of the client for the delivery of stored product from the warehouse.



Figure 4.10: manager index

This is the manager home page. Here a manager can see all thing of a warehouse at a glance

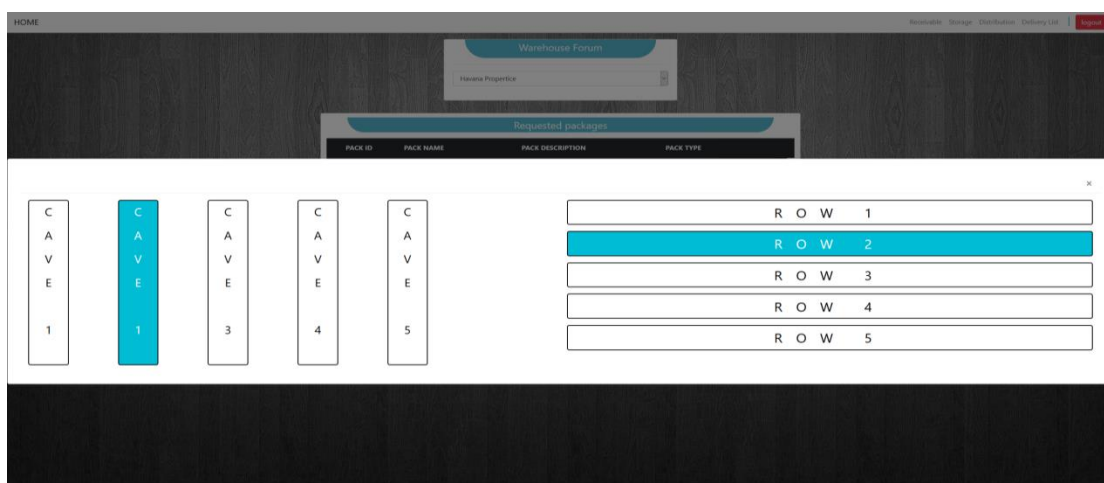


Figure 4.11: product identification

In this section manager can track the real position of the product that stored with cave name and row name.

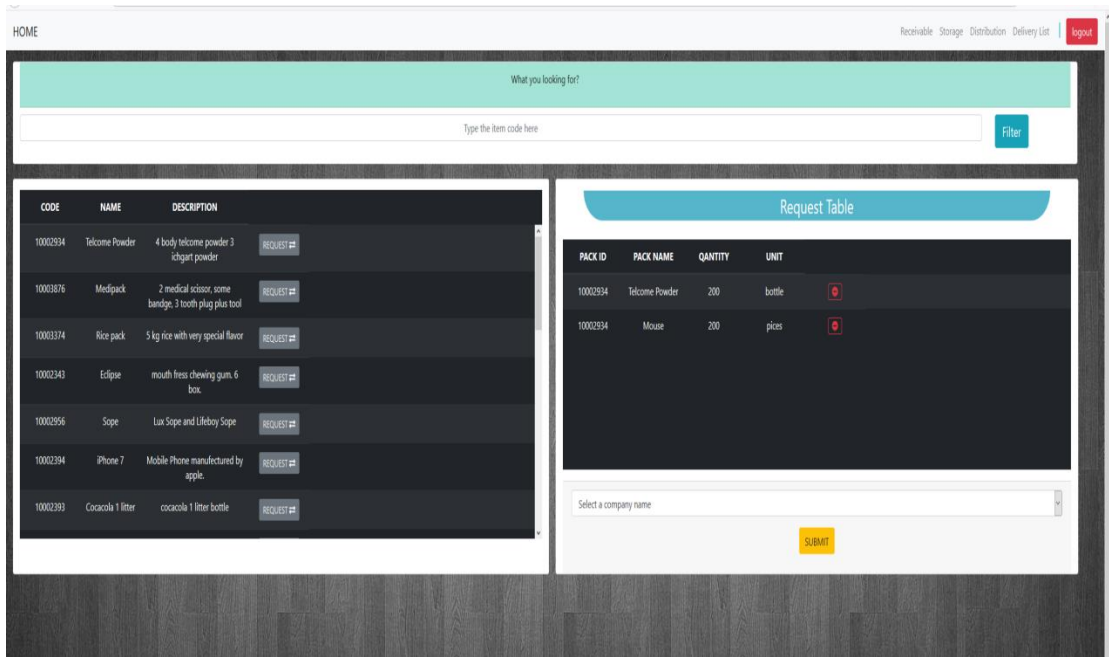


Figure 4.12: delivery process

In this page manager organize the delivery request according to users need

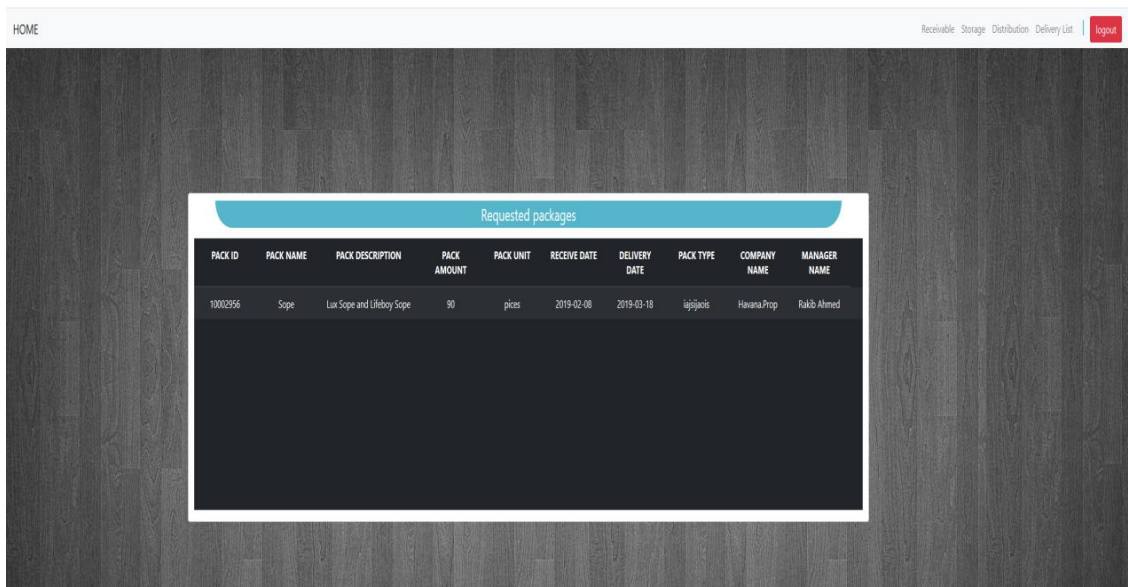


Figure 4.13: delivery history

In this page manager can see the history of any kind of valid transaction

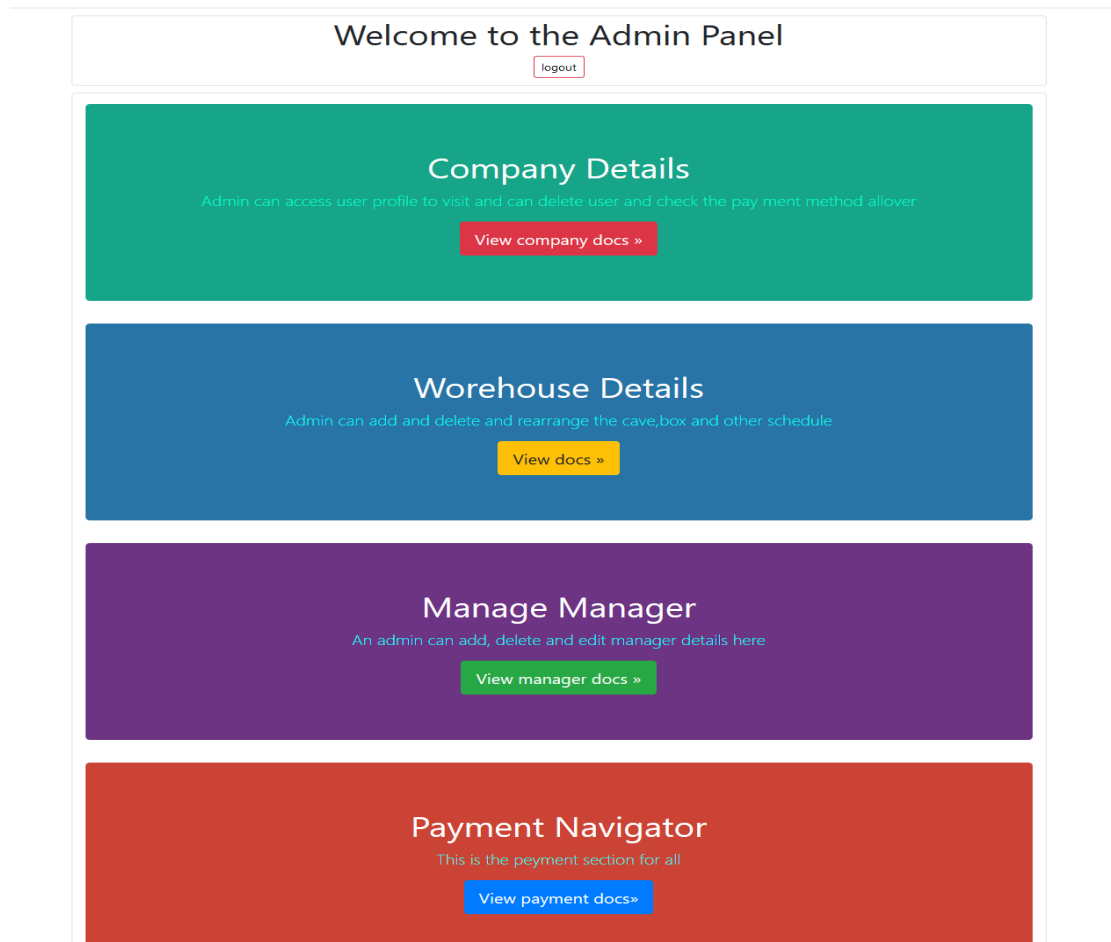


Figure 4.14: admin index

This the admin page of the warehouse management system. All important work can be monitored from here.

Welcome to the admin panale

[Back](#)

First Panel Second Panel Third Panel

Maneger Registration

Enter the manager name :

Enter the login ID :

Enter the login password :

Enter the manager email :

Enter the manager phone number :

Enter the manager address :

[Request](#)

Figure 4.15: Manager Adding page

An admin can add and delete admin from this page.

4.2 Back-end Design

Back-end development refers to the server side of development where people primarily focused on how the application works. Making updates and changes in addition to monitoring functionality of the application is the primary responsibility. Back-end technology usually consists of language like PHP, Ruby on Rails, JAVA and Python etc. For android application, it is more difficult to handle back-end portion than a web application, because android device components are very limited. That's why, we are don't develop anything that could be cause of pressurized on the device in the back-end portion.

In our application we use HTML, CSS, Core PHP, MDBBootstrap, jQuery, MySQL Database and XAMPP as local server to develop and maintain the back-end section.

We used PHP/FPDF for auto PDF file generation and mailing them to our clients. We attach our application front-end design in bellow:

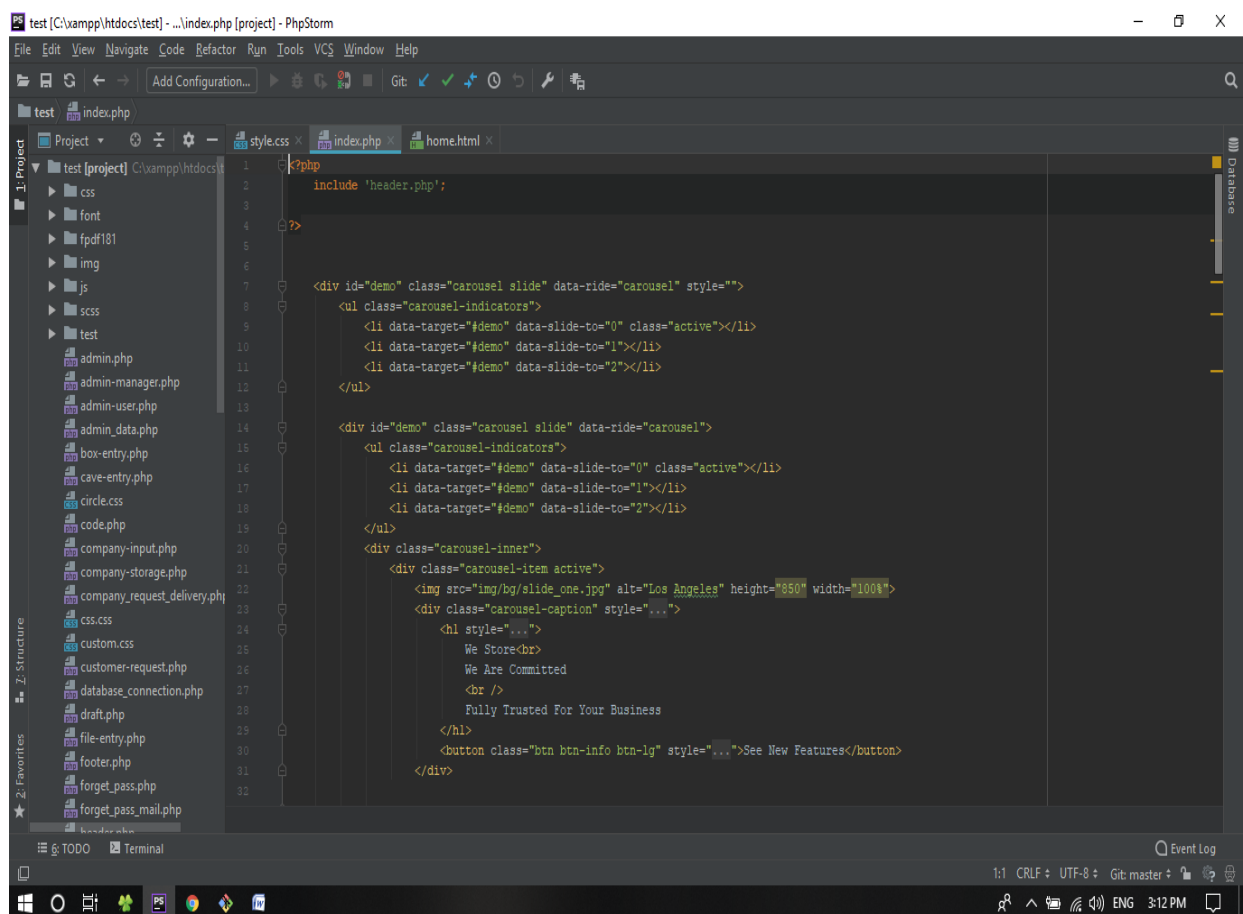


Figure 4.16: html section

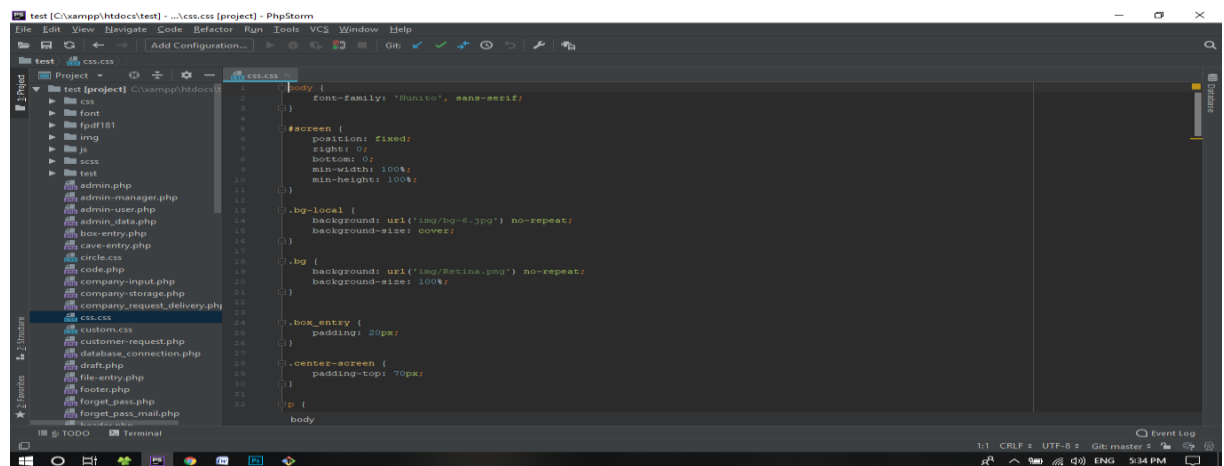


Figure 4.17: css section

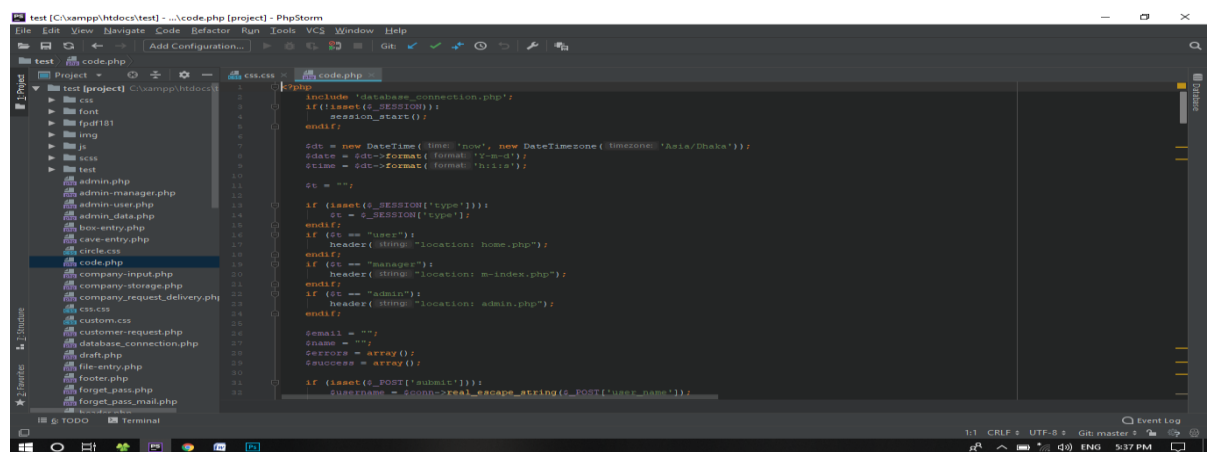


Figure 4.18: php section

4.3 Interaction Design and UX

Interaction design is a simple thing; it is the design of the interaction between user and product. Most often when people think about interaction design, the products tend to be software products like apps or website. Interaction design is the process which can understand user problem, process the problem and find out the expected result, perform action by the respecting results and solve the problem for good. The goal of the interactive design is to create products that enable the user to achieve their objective(s) in the best and very short way possible.

The interaction of a user and a product often involve elements like aesthetics, motion, sound, space and many more things. One of the features is community creation, which

can share information or opinion from one to another to improve performance. That could be motivating the user to the system.

For UX we are tried to give some wonderful experience by our system. We tried to keep our system simple and easier for better experience and performance for the user. We worked so hard to decrease the data loading time on our system and that effort will be continued.

4.4 Implementation Requirements

To implement our project, we used different type of tools, components and platforms those help us to develop our system successfully. In Implementation Requirement section we discussed about all those tools and platforms that we use to develop our application.

4.4.1 Core PHP Overview

Basically, PHP [7] is a general-purpose scripting language and recursively PHP stands for Hypertext Preprocessor. Core PHP is very basic PHP and simple to handle very tough work. It is used to create dynamic system. It works without any extra library. PHP is a well-liked server side scripting language for the web application.

4.4.2 PHP-FPDF

FPDF [8] is a PHP class which allows generating PHF files with pure PHP that is to say without using PDFlib library.

FPDF has other advantages: high level functions. Here is a list of its main features:

- Choice of measure unit, page format and margins
- Page header and footer management
- Automatic page break, line break and text justification
- Image support, Colors, Links etc

The generation speed of the document is less than with PDFlib. We can easily add the PDF file into the mailing system. The processes are very fast and become very easy for us.

4.4.3 jQuery

jQuery [9] is a fast, small, cross-platform and feature-rich JavaScript library which is very popular now-a-days. It is designed to simplify the client-side scripting of HTML. It makes things like HTML document traversal and manipulation, animation, event handling and AJAX very simple and fast with an easy-to-use API that works on a lot of different types of browser. Best feature of jQuery is:

- HTML and CSS manipulation
- DOM manipulation and element selection
- Effects and animation
- Utilities and HTML event management

4.4.4 MDBBootstrap

For building a website we used HTML and CSS. In HTML, we can only design the basic structure of the website for user. With the help of CSS, we can decorate website with reshape and color as per user choice. But Bootstrap can build a website very easily and quickly. Bootstrap is mainly used for enhancing our working time and makes the website responsive. It is also a front-end framework for designing websites and web applications.

There is another firmware of the Bootstrap called MDBBootstrap [10]. This is some kind of pre-structured “div class” section to make a website more attractive.

4.4.5 XAMPP

XAMPP [11] is a free and open source cross-platform web server that is a simple, light-weighted Apache server that makes it extremely easy for developers to create a local http server with just few clicks and it is very popular in market. We used XAMPP to build up a local server for our application.

CHAPTER 5

IMPLEMENTATION

5.1.1 Database Design

The most important part of this system is Database design. Because all the necessary information like user, manager and admin info and all information about product storage will be stored in database. Database design is the process of creating a details data model of database. A fully oriented database contains detailed information for all entity.

Database store data of all kind of information to make a easy platform for identification and storage. Main objective of database is make a the information access easy, quick and flexible for the user. A table is made by the collation of relative records. To design and store data we have to gather clear knowledge about structure of the table which contains the table name, table's column names, foreign key and primary key.

5.1.2 Database Management System

A database management system (DBMS) is system that helps for creating and managing databases. The DBMS provides users and programmers with a systematic way to create, retrieve, update, delete and manage data. In our application we used MySQL.

5.1.3 MySQL

MySQL [12] is the most popular and commonly used open source relational SQL database management system. MySQL is one of the best RDBMS being used for developing web-based software applications and system. We are using MySQL as database in our system. It's so cost effective. In order that Oracle create terrific database, but the cost involved will be prohibitive for many. MySQL is free to access. It can be installed and used without paying anything in the process. We are using the improved version of MySQL driver called Mysqli. Now we have shown our project back-end database table in bellow:

Table	Action	Rows	Type	Collation	Size	Overhead
admin	★ Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16 KiB	-
cave	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16 KiB	-
company	★ Browse Structure Search Insert Empty Drop	8	InnoDB	latin1_swedish_ci	16 KiB	-
company_delivery_receive	★ Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16 KiB	-
customer_request	★ Browse Structure Search Insert Empty Drop	8	InnoDB	latin1_swedish_ci	16 KiB	-
customer_request_after	★ Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16 KiB	-
delivery_invoice	★ Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16 KiB	-
invoice	★ Browse Structure Search Insert Empty Drop	42	InnoDB	latin1_swedish_ci	32 KiB	-
invoice_requested	★ Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16 KiB	-
limit_package	★ Browse Structure Search Insert Empty Drop	12	InnoDB	latin1_swedish_ci	16 KiB	-
manager_temp	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
manager	★ Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16 KiB	-
packs	★ Browse Structure Search Insert Empty Drop	21	InnoDB	latin1_swedish_ci	16 KiB	-
pack_delivery_details	★ Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16 KiB	-
pack_receive_details	★ Browse Structure Search Insert Empty Drop	18	InnoDB	latin1_swedish_ci	16 KiB	-
payment	★ Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
request_item	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16 KiB	-
request_item_after	★ Browse Structure Search Insert Empty Drop	9	InnoDB	latin1_swedish_ci	16 KiB	-
rows	★ Browse Structure Search Insert Empty Drop	25	InnoDB	latin1_swedish_ci	16 KiB	-
transaction	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16 KiB	-
users	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16 KiB	-
21 tables	Sum	162	InnoDB	latin1_swedish_ci	352 KiB	0 B

Figure 5.1: Database of the System

5.2 Implementation of Front-end Design

Web is a huge area so the design should be defined shortly including key component and other thing of the system. It's very formidable work to develop a gorgeous front-end design. Because the validation system for each component is so much difficult. Specially the user and manager verification form local host. For simple and interactive design we always try to be simple in UI design and we try some material design for make the application attractive.

5.3 Implementation and Interaction

The architecture of a software system defines that system in terms of components and interactions among those components. In real world, interaction can find everywhere. Interaction is the key to make any system dynamic, attractive and fast to user. It's very important to make a system interactive and we also try to do so. We already mention that, we also include some unique feature to interact our system like real time location finding for stored product. Our application is successfully implemented and the interaction of our application with the users is quite impressive.

5.4 Testing Implementation

Based on USER Activity

Table 5.1: Test Case Table for User of Warehouse Management System

Test Case	Test Input	Expected Output	Actual Output	Result	Tested On
1.MySQL Connection	Tested on browser	Successfully connected	Connection successful.	Passed	28/03/19
2. Sign in	Without Sign in.	Restriction for user to entry.	Imposed the Restriction.	Passed	28/03/19
3. Email ID	Blank or incorrect Email ID	To warn that Correct Email ID must be entered.	Showed the warning message.	Passed	28/03/19
4. Password	Blank or incorrect password.	To warn that correct password must be entered.	Showed the warning message.	Passed	28/03/19
5. Address	Blank or incorrect password.	To warn that correct password must be entered.	Showed the warning message.	Passed	28/03/19
6. Phone number	Blank or incorrect password.	To warn that correct password must be entered.	Showed the warning message.	Passed	28/03/19
7. Login	If not account verified	No login without verification	Showed the warning message.	Passed	28/03/19
8. Requested for product	If all input field are empty or incorrect	No process will be granted till correct	Showed the warning message.	Passed	28/03/19

9. Payment	No parched detected	No product will be stored in database.	Showed the warning message.	Passed	28/03/19
10. Show product list	Without login	There are no user can see without login	Showed the warning message.	Passed	28/03/19

Based on MANAGER Activity

Table 5.2: Test Case Table for Manager of Warehouse Management System

Test Case	Test Input	Expected Output	Actual Output	Result	Tested On
1.MySQL Connection	Tested on browser	Successfully connected	Connection successful.	Passed	28/03/19
2. Login	Without verification mail.	Will not access the process till verification mail.	Showed the warning message.	Passed	28/03/19
3. Store user request data	Without invoice number	Will not allow storing without valid invoice number	Showed the warning message.	Passed	28/03/19
4. Show Product location	With important information	Will show the cave and row details	Showed location in graphical view	Passed	28/03/19
5. Send requested product to user	Without invoice mail	Will not allow the process to sent product without invoice mail.	Showed the warning message.	Passed	28/03/19
6. Delivery report	Click the button	Will show all delivered product with their details	Showed with graphical view.	Passed	28/03/19

Based on Admin Activity

Table 5.3: Test Case Table for Admin of Warehouse Management System

Test Case	Test Input	Expected Output	Actual Output	Result	Tested On
1.MySQL Connection	Tested on browser	Successfully connected	Connection successful.	Passed	28/03/19
2. Login	Without verification mail.	Will not access the process till verification mail.	Showed the warning message.	Passed	28/03/19
3. Delete user	More than 5 days of non verified registration.	Show to delete those account for users	Showed the success message.	Passed	28/03/19
4. Add manager	Without valid mail and password	To warn that correct password and mail must be entered.	Showed the warning message.	Passed	28/03/19
5. See payment details	Click the payment button..	Show all the company who already paid and other who are going to reach the limit of their parches.	Showed with graphical view	Passed	28/03/19

5.5 Test Results and Reports

Test report is mandatory to reflect testing results in a formal way, which gives an opportunity to estimate testing result very fast. To get the comparison and warning results with object, have to describe the environmental or operational condition. The result will store in a document. This called is the test result report.

So, at the end we can find out the results as the benefits of usability testing to the end of the user or learner.

- Application is easier to use for all.
- Application is more readily accepted by all.
- Shortens the database information for the new users.
- Better UI performance for interaction.
- Saving time for accessing more websites and materials.

CHAPTER 6

CONCLUSION AND FUTURE SCOPE

6.1 Discussion and Conclusion

Our Web Based Business Application “Warehouse Management System” has been successfully implement by our group member and so much help by our supervisor sir. After connecting with the application with the localhost overall our project works properly with the all functionalities. This application design is very user-friendly and efficient to work that’s reason user can works very easily.

We have interest to developing this kind of website application in our country because we visited many kind of super shop and their warehouse. Basically they use the international software because they don’t have any faith with local software. But the international software costing is so much that’s reason the warehouse company faces many problem. On the other hand our warehouse system is not well structural. Facing with all kind of problem, we try to do something better for the warehouse company that they can use the application easily for manage their warehouse because they can benefit from these with good security system and well structural management system.

We also provide real time emailing system for the both manager and user of the warehouse. So they can update all the information of their product storing. Here we also provide the cave tracking system.

This project is describing the all kind of features and procedures that were followed while developing the application. And this document generally describes the description of the project how it was developing, all requirement, all features and functionalities of the project and procedures which we achieved in this project.

6.2 Limitations

Our web application has some limitation. We will overcome all of the limitation in our future works. Some of our project main limitations are given below:

- The three type login process is combined with one page.
- We cannot store data but only product.

- Can't measure the actual size of any product.
- We try to maintain maximum security for the system. So we have to keep update security system after certain period.

6.3 Scope for Future Developments

- Our main work for the future to make this application for the all platforms like as windows, iOS, and android.
- Our project for mainly warehouse which is large system so in future we needs more storage, so we will use larger database system such as Oracle Database or Microsoft SQL Server.
- We will increasing the security system so much for the company and make this web application trusted by all and verified.

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Application Appendix: A

Project Reflection

The main goal of the appendix is give an introduction to the main reflection of our project. We have enjoyed so much when we doing our project. It was very good journey for us. We didn't able to complete this project properly in time without the help of our all group member each other. We always very active for our project works and met together of any need for added new features to our project. We also discussed for our project to invent the unique ideas for added new features to our project makes very efficiently.