

# **Stock Management for Medical Retail Shop**

## **MIT-WPU**

### **Group Members:**

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### **Introduction**

This is the age of paper-less business. Each and every transaction is done with the help of computers. There is need of database application in our day-to-day life. It is matter of pleasure for us, submitting this documentation of the project work done during the summer internship of M.C.A first year. Documentation plays a vital role in the system development to satisfy the future needs of user for maintenance of the system. Hence this report serves as detailed documentation for “MEDICAL STORE INVENTORY SYSTEM”. It helps the users to understand the system in more detail. The main objective of this report is to provide for better understanding and easy maintenance of the system for the medical store. This project report consist of different sections like system specification, system study, system design, detailed design etc. that will hence prove to be a sincere helper to the user trying to gain knowledge on the above mentioned system.

### **Manual Existing system**

In inventory control process of medical store encompasses following activities: -

Product

Brand

Category

Order

User

Home

### **Product: -**

To purchase product a product list is prepared along with the brand name and the category .The quantity of the product is entered. The status of the product is displayed and the details are updated and deleted.

**Brand: -**

The purchase product brand is to be mentioned .The category, status ,edit and delete columns are displayed along with the number of entries to be displayed and a search box to find details of a specific brand.

**Category: -**

The category of the medicines are mentioned to know the medicines for a specific symptom. The category list, status, edit, delete column are prepared and a search box also for quick search.

**Order: -**

The order that the customer needs are prepared with the ID, customer name, total amount of the order. The payment mode is also selected and displayed. The order status ,order date and the name of the person who prepared the order is mentioned. There is a view pdf that displays an invoice of the complete order and the details are updated and deleted.

**User: -**

The user tab contains the user ID, email and the user name along with the status, edit and delete. The user list are prepared here who have logged in.

**Home: -**

The home tab contains the master login information. It includes total number of user, category, brand, total number of item in stock, total order value, total cash order value, total credit order value. Total order value wise user list is prepared.

**Fact Gathering Study**

The fact gathering technique is used to find out the requirement of the system. The technique used are as follow:

-

- Questionary
- Record review

**Questionary**

By this technique we came to know about the system and what they need. This help to understand all the process, which occurs in the system. They try to help up by giving answer regarding our question and all possible information they know about the system. By this technique we came to know about following: -

- ☐ How all process are performed.
- ☐ How should system work.
- ☐ This gives idea how system should be developed to perform different task.

## **Record review**

This technique is used to review the records, which they maintain. By this we can understand how entry should be done in each process. We saw all the entry, which they have all ready entered in the different register, which they maintain and also saw the reports they have generated. This give idea about how entry is done and verified in register. Through this we came to know about following: -

- ☐ How record entry should be done in each process.
- ☐ How reports are generated for different activity they perform.

## **Requirement Analysis**

Today life is very fast and work with the computer is speedy. The existing system was manually on paper. So it is time consuming as compared with our system a man cannot do work as fast as computer. In existing system paper work is more where as in our system on computer, so most of the work is done on computer and it provide facilities to change if any mistake occurred. So we can say that in existing system paper work is more. All the information is on paper in existing system so, there are possibilities of loss, theft, burning and damaging data on paper. Where as in computer system all data are saved and backup of data is also taken if user want. So there are less chances of data loss then the existing system. Existing system is inconvenient for user because it cannot give fast and proper information in proper time and it take long time to give information to the user. In our system the information is generated very quickly and prepared accordingly to the user request. Computer system provide very easy and flexible report generation whereas report generation on paper is time consuming and it is difficult to change if any mistake occurred in between while in computerized system reports are generated automatically.

## **Proposed system:**

### **Scope of system**

There are different scope of the system they are as follow: -

- ☐ The system should be able to transfer the data of the previous year to next year.
- ☐ Also there is cross verification with data.
- ☐ System should be able to create various type of report.
- ☐ There is no interaction with any other system.
- ☐ Saves the time and manpower.

### **Objectives of system**

There are many objectives of system they are as follow:

- ☐ To eliminate paper work.
- ☐ Ensure re-ordering of material at right time.
- ☐ Show medicine stock availability.

- ☐ Show the total charges for medicine, which are sold.
- ☐ Generation of periodic report.
- ☐ Generation of cash receipt for customer.

### **Features of the new system**

There are different features of new system they are as follow: -

- ☐ Interactive processing.
- ☐ Menu driven and user's friendly.
- ☐ Different types of reports generated
- ☐ Avoid the duplication of information.
- ☐ More storage space available.
- ☐ Provides data security.

### **Advantages of proposed system**

- ☐ Easy and fast retrieval of information.
- ☐ Better storage capability.
- ☐ More efficient operation.
- ☐ Well Designed report.
- ☐ There is only one gate for input information and hence the information will be consistent throughout the system.
- ☐ Eliminate the repeated data entry effort and errors. Thus saving time and man power.
- ☐ Information about the available stock.

### **Software**

Front End - json, jquery

Back End - php

## Modules

### Login:

Stock Management System

Login

User Email

pakhrajiatin97@gmail.com

Password

\*\*\*\*\*

Login

### Master Login:

Stock Management System

127.0.0.1 / 127.0.0.1 / inventory / x

127.0.0.1/inventory/index.php

Home User Category Brand Product Order Jatin Pakhrani

Total User

5

Total Category

6

Total Brand

27

Total Item in Stock

13

Total Order Value

Rs. 7,096.95

Total Cash Order Value

Rs. 3,153.01

Total Credit Order Value

Rs. 3,943.94

Total Order Value User wise

User Name	Total Order Value	Total Cash Order	Total Credit Order
Jatin Pakhrani	Rs. 2633.47	Rs. 908.88	Rs. 1724.59
Nikita	Rs. 829.50	Rs. 304.50	Rs. 525.00
Himanshu	Rs. 1456.00	Rs. 687.75	Rs. 768.25
Prachi	Rs. 1031.38	Rs. 726.88	Rs. 304.50
Pratiksha	Rs. 1146.60	Rs. 525.00	Rs. 621.60
Total	Rs. 7096.95	Rs. 3153.01	Rs. 3943.94

## User Login:

The screenshot shows a web browser window with the title "Stock Management System". The address bar displays "127.0.0.1/inventory/index.php". The page features a dark blue header with "Home" and "Order" links, and a user profile "Nikita" on the right. Below the header, there are three white boxes displaying order values: "Total Order Value" (Rs. 6,429.35), "Total Cash Order Value" (Rs. 4,469.35), and "Total Credit Order Value" (Rs. 1,960.00). The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date "15-05-2019".

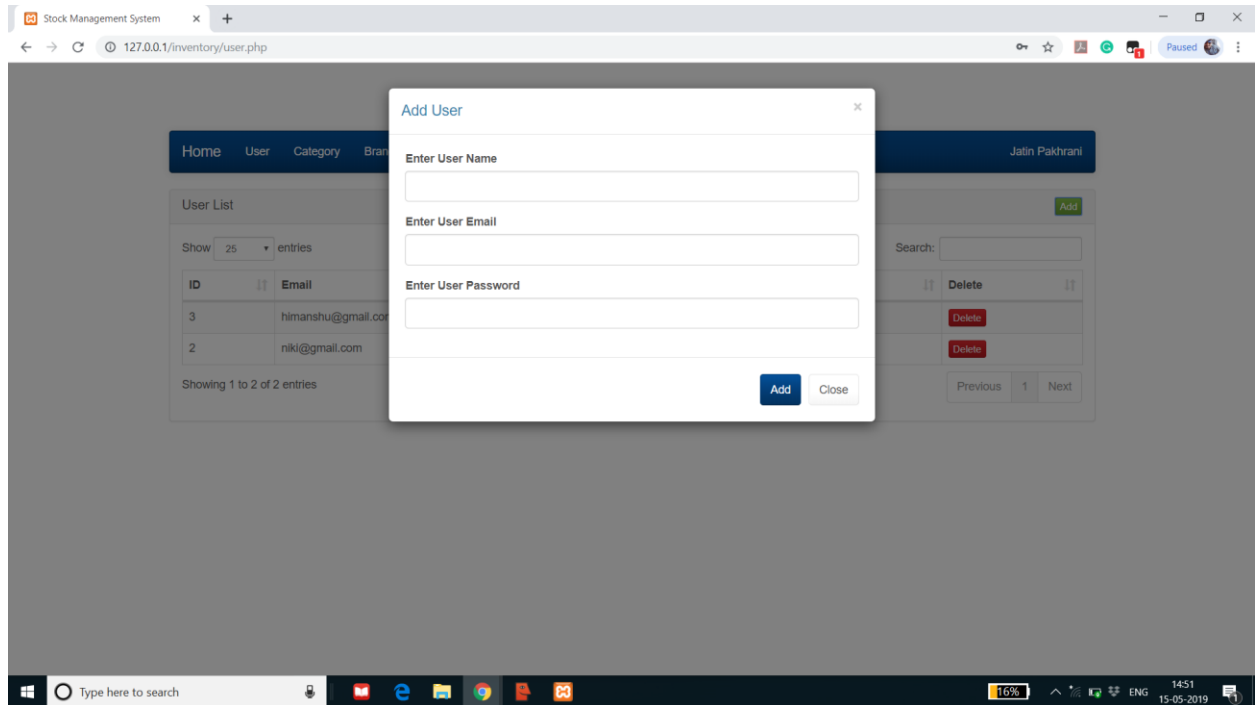
## Master Login:

The screenshot shows a web browser window with the title "Stock Management System". The address bar displays "127.0.0.1/inventory/index.php". The page features a dark blue header with "Home", "User", "Category", "Brand", "Product", and "Order" links, and a user profile "Jatin Pakhrani" on the right. Below the header, there are four white boxes displaying counts: "Total User" (5), "Total Category" (6), "Total Brand" (27), and "Total Item in Stock" (13). Below these are three white boxes displaying order values: "Total Order Value" (Rs. 7,096.95), "Total Cash Order Value" (Rs. 3,153.01), and "Total Credit Order Value" (Rs. 3,943.94). At the bottom, there is a table titled "Total Order Value User wise" showing order values for different users.

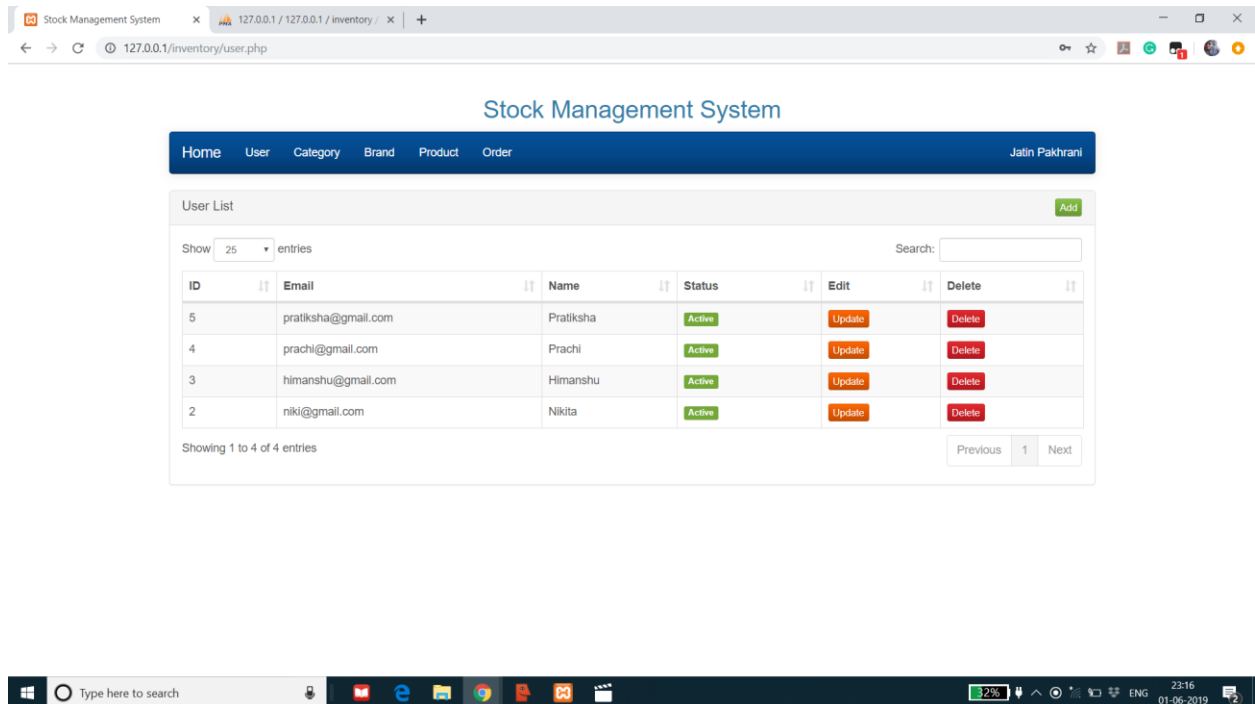
User Name	Total Order Value	Total Cash Order	Total Credit Order
Jatin Pakhrani	Rs. 2633.47	Rs. 908.88	Rs. 1724.59
Nikita	Rs. 829.50	Rs. 304.50	Rs. 525.00
Himanshu	Rs. 1456.00	Rs. 687.75	Rs. 768.25
Prachi	Rs. 1031.38	Rs. 726.88	Rs. 304.50
Pratiksha	Rs. 1146.60	Rs. 525.00	Rs. 621.60
Total	Rs. 7096.95	Rs. 3153.01	Rs. 3943.94

The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date "01-06-2019".

## New User:



## User Tab:



## Product Tab:

The screenshot shows the 'Product Tab' of the Stock Management System. The interface includes a navigation bar with links to Home, User, Category, Brand, Product, and Order. The user is logged in as Jatin Pakhrani. The main section is titled 'Product List' and features a table with 13 entries. Each entry includes an ID, Category, Brand, Product Name, Quantity, Enter By, Status, and a set of action buttons (View, Update, Delete). The table is filtered to show 1 to 10 of 13 entries. The status of the products is indicated by green 'Active' or red 'Inactive' labels.

ID	Category	Brand	Product Name	Quantity	Enter By	Status			
13	Anti Skin Allergy	Lulfin	Lulicorazol	7 Packet	Jatin Pakhrani	Active	View	Update	Delete
12	Anti Skin Allergy	Emiuz	Lulicorazol	5 Packet	Jatin Pakhrani	Active	View	Update	Delete
11		Gluconorm	Metformin	10 Packet	Jatin Pakhrani	Active	View	Update	Delete
10	Diabetic	Metlong	Metformin	17 Packet	Jatin Pakhrani	Inactive	View	Update	Delete
9	Antiallergic	CZ - 3	Cetirizine	11 Packet	Jatin Pakhrani	Active	View	Update	Delete
8	Antiallergic	Cetzin	Cetirizine	17 Packet	Jatin Pakhrani	Active	View	Update	Delete
7	Antigastro	Pontop - 40	Pentaprazol - 40 mg	15 Packet	Jatin Pakhrani	Active	View	Update	Delete
6	Antigastro	Penta PAN - 40	Pentaprazol - 40 mg	10 Packet	Jatin Pakhrani	Inactive	View	Update	Delete
5	Antibiotic	Azimax	Azithro-Mycin	14 Packet	Jatin Pakhrani	Active	View	Update	Delete
4	Antibiotic	Aziverl	Azithro-Mycin	10 Packet	Jatin Pakhrani	Active	View	Update	Delete

## Brand Tab:

The screenshot shows the 'Brand Tab' of the Stock Management System. The interface includes a navigation bar with links to Home, User, Category, Brand, Product, and Order. The user is logged in as Jatin Pakhrani. The main section is titled 'Brand List' and features a table with 27 entries. Each entry includes an ID, Category, Brand Name, Status, Edit, and Delete buttons. The table is filtered to show 1 to 10 of 27 entries. The status of the brands is indicated by green 'Active' or red 'Inactive' labels.

ID	Category	Brand Name	Status	Edit	Delete
27	Anti Skin Allergy	Lulican	Active	Update	Delete
26	Anti Skin Allergy	Emiuz	Active	Update	Delete
25	Anti Skin Allergy	Lulibet	Inactive	Update	Delete
24	Anti Skin Allergy	Lulfin	Active	Update	Delete
23	Diabetic	Glyofeg	Active	Update	Delete
22	Diabetic	Metlong	Active	Update	Delete
21	Diabetic	Gluconorm	Inactive	Update	Delete
20	Diabetic	Glycomat	Active	Update	Delete
19	Antiallergic	Incidel	Active	Update	Delete
18	Antiallergic	Avil Nu	Active	Update	Delete



## Category Tab:

The screenshot shows the 'Category Tab' of the Stock Management System. The browser address bar indicates the URL is 127.0.0.1/inventory/category.php. The system title 'Stock Management System' is displayed at the top, along with a navigation menu (Home, User, Category, Brand, Product, Order) and the user name 'Jatin Pakhrani'. The 'Category List' section includes a search bar and a table with 6 entries. The table columns are ID, Category Name, Status, Edit, and Delete. The entries are sorted by ID in descending order. The status of all categories is 'Active'. The bottom of the table shows 'Showing 1 to 6 of 6 entries' and pagination controls for 'Previous', '1', and 'Next'.

ID	Category Name	Status	Edit	Delete
6	Anti Skin Allergy	Active	Update	Delete
5	Diabetic	Active	Update	Delete
4	Antiallergic	Active	Update	Delete
3	Antigastro	Active	Update	Delete
2	Antibiotic	Active	Update	Delete
1	Analgesic	Active	Update	Delete

## Order Tab:

The screenshot shows the 'Order Tab' of the Stock Management System. The browser address bar indicates the URL is 127.0.0.1/inventory/order.php. The system title 'Stock Management System' is displayed at the top, along with a navigation menu (Home, User, Category, Brand, Product, Order) and the user name 'Jatin Pakhrani'. The 'Order List' section includes a search bar and a table with 13 entries. The table columns are Order ID, Customer Name, Total Amount, Payment Status, Order Status, Order Date, and Created By. The entries are sorted by Order ID in descending order. The status of all orders is 'Active'. The bottom of the table shows 'Showing 1 to 10 of 13 entries (filtered from 10 total entries)' and pagination controls for 'Previous', '1', '2', and 'Next'.

Order ID	Customer Name	Total Amount	Payment Status	Order Status	Order Date	Created By	View PDF	Update	Delete
13	Leo	621.60	Credit	Active	2019-05-29	Pratiksha	View PDF	Update	Delete
12	Robin	525.00	Cash	Active	2019-05-27	Pratiksha	View PDF	Update	Delete
11	Zenil	726.88	Cash	Active	2019-05-25	Prachi	View PDF	Update	Delete
10	Tanni	304.50	Credit	Active	2019-05-24	Prachi	View PDF	Update	Delete
9	Kanchi	236.25	Cash	Active	2019-05-23	Himanshu	View PDF	Update	Delete
8	Kenny	451.50	Cash	Active	2019-05-22	Himanshu	View PDF	Update	Delete
7	Stephy	768.25	Credit	Active	2019-05-19	Himanshu	View PDF	Update	Delete
6	Riley	525.00	Credit	Active	2019-05-18	Nikita	View PDF	Update	Delete
5	Lauren	304.50	Cash	Active	2019-05-16	Nikita	View PDF	Update	Delete
4	Andrew Jones	864.71	Credit	Active	2019-05-13	Jatin Pakhrani	View PDF	Update	Delete

## View Product:

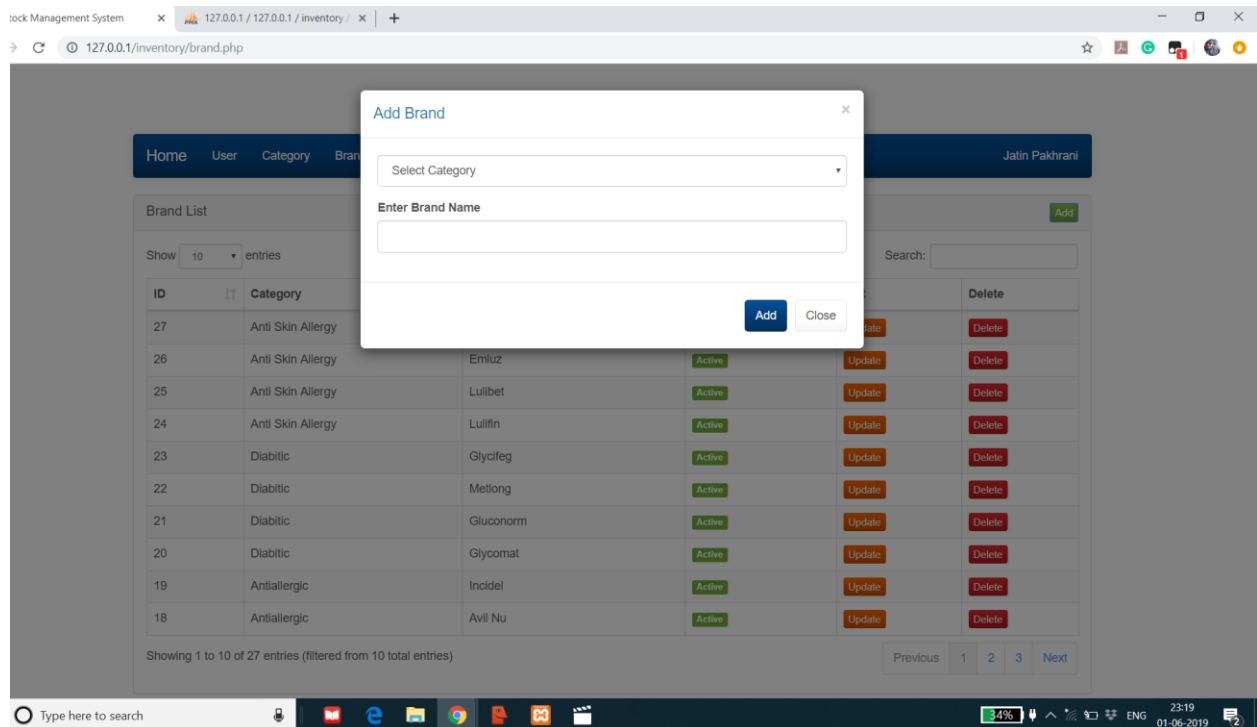
The screenshot displays the 'Stock Management System' interface. At the top, there is a navigation bar with links: Home, User, Category, Brand, Product, and Order. The 'Order' link is active. The user's name, 'Jatin Pakhrani', is displayed in the top right corner. Below the navigation bar, the 'Order List' section is visible. It includes a search bar and a table with 13 entries. The table columns are: Order ID, Customer Name, Total Amount, Payment Status, Order Status, Order Date, and Created By. Each row has three action buttons: View PDF, Update, and Delete. The table shows orders from 2019-05-13 to 2019-05-29. At the bottom of the table, it says 'Showing 1 to 10 of 13 entries (filtered from 10 total entries)'. The Windows taskbar at the bottom shows the system time as 23:31 on 01-06-2019.

Order ID	Customer Name	Total Amount	Payment Status	Order Status	Order Date	Created By
13	Leo	621.60	Credit	Active	2019-05-29	Pratiksha
12	Robin	525.00	Cash	Active	2019-05-27	Pratiksha
11	Zenil	726.88	Cash	Active	2019-05-25	Prachi
10	Tanni	304.50	Credit	Active	2019-05-24	Prachi
9	Kanchi	236.25	Cash	Active	2019-05-23	Himanshu
8	Kenny	451.50	Cash	Active	2019-05-22	Himanshu
7	Stephy	768.25	Credit	Active	2019-05-19	Himanshu
6	Riley	525.00	Credit	Active	2019-05-18	Nikita
5	Lauren	304.50	Cash	Active	2019-05-16	Nikita
4	Andrew Jones	864.71	Credit	Active	2019-05-13	Jatin Pakhrani

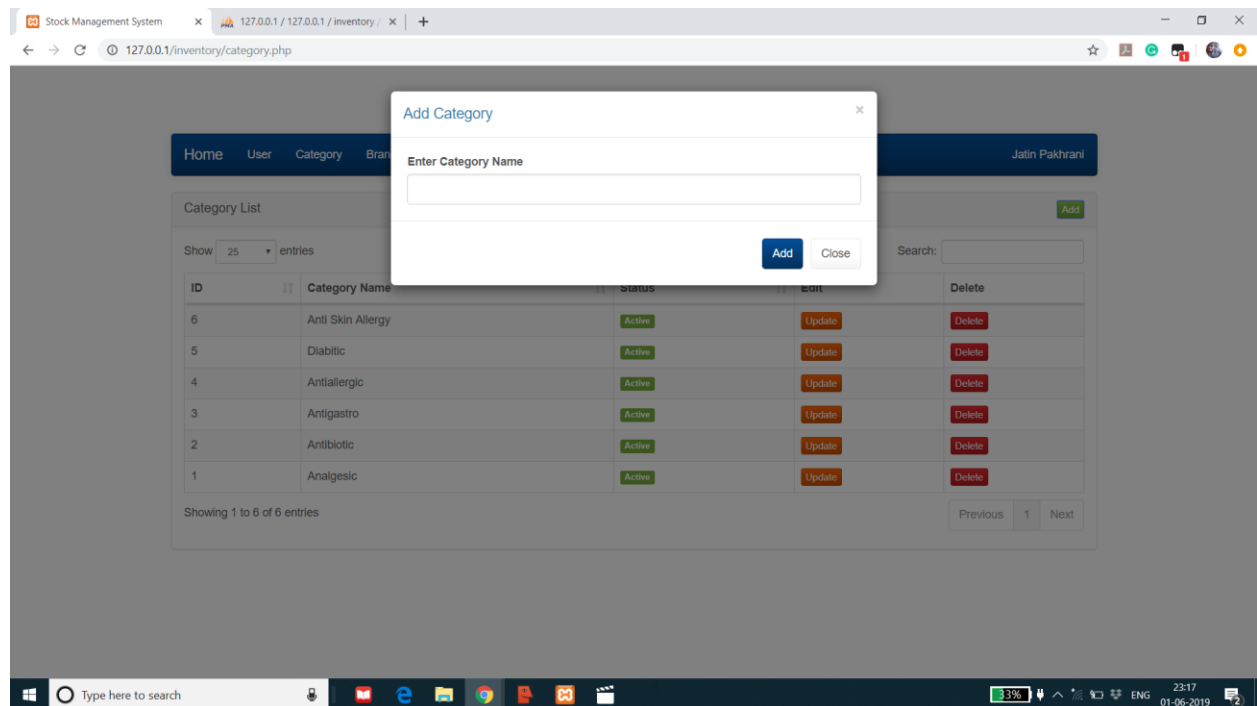
## Add Product:

The screenshot displays the 'Add Product' form in the 'Stock Management System'. The form is a modal window with the following fields: Select Category (dropdown), Select Brand (dropdown), Enter Product Name (text input), Enter Product Description (text area), Enter Product Quantity (text input) with a 'Select Unit' dropdown, Enter Product Base Price (text input), and Enter Product Tax (%) (text input). At the bottom of the form are 'Add' and 'Close' buttons. The background shows the 'Product List' table with 13 entries, similar to the one in the previous screenshot. The Windows taskbar at the bottom shows the system time as 23:22 on 01-06-2019.

## Add Brand:



## Add Category:



## Add Order:

The screenshot shows a web application titled 'Stock Management System' with a modal window for 'Create Order'. The background displays an 'Order List' table with columns for Order ID, Customer Name, and other details. The modal form includes fields for Receiver Name, Date, Receiver Address, Product Details (with a dropdown for 'Azithro-Myacin'), and Payment Status (set to 'Cash'). An 'Add' button is at the bottom right of the modal.

Stock Management System

127.0.0.1 / 127.0.0.1 / inventory /

127.0.0.1/inventory/order.php

Home User Category Brand

Order List

Show 10 entries

Order ID	Customer Name
13	Leo
12	Robin
11	Zenil
10	Tanni
9	Kanchi
8	Kenny
7	Stephy
6	Riley
5	Lauren
4	Andrew Jones

Showing 1 to 10 of 13 entries (filtered from 10 total entries)

Enter Receiver Name

Date

Enter Receiver Address

Enter Product Details

Azithro-Myacin

Select Payment Status

Cash

Add

Search:

View PDF Update Delete

View PDF Update Delete

View PDF Update Delete

View PDF Update Delete

View PDF Update Delete

View PDF Update Delete

View PDF Update Delete

View PDF Update Delete

View PDF Update Delete

Previous 1 2 Next

Type here to search

50%

23:37

01-06-2019

## Edit product:

The screenshot shows a web application titled 'Stock Management System' with a modal window for 'Edit Product'. The background displays a 'Product List' table with columns for ID, Category, and Brand. The modal form includes dropdowns for 'Select Category' (Anti Skin Allergy) and 'Select Brand' (Lulifin), followed by text fields for Product Name (Lulicorlazol), Product Description (Lulicorlazol), Product Quantity (8), Product Base Price (399.00), and Product Tax (%) (5.00). A 'Packet' dropdown is next to the quantity field. 'Edit' and 'Close' buttons are at the bottom right of the modal.

Stock Management System

127.0.0.1 / 127.0.0.1 / inventory /

127.0.0.1/inventory/product.php

Home User Category Brand

Product List

Show 10 entries

ID	Category	Brand
13	Anti Skin Allergy	Lulifin
12	Anti Skin Allergy	Emi
11	Diabetic	Gluc
10	Diabetic	Mes
9	Antiallergic	CZ
8	Antiallergic	Cet
7	Antigastro	Por
6	Antigastro	Per
5	Antibiotic	Azi
4	Antibiotic	Azi

Showing 1 to 10 of 13 entries (filtered from 10 total entries)

Select Category

Anti Skin Allergy

Select Brand

Lulifin

Enter Product Name

Lulicorlazol

Enter Product Description

Lulicorlazol

Enter Product Quantity

8

Packet

Enter Product Base Price

399.00

Enter Product Tax (%)

5.00

Edit Close

Search:

View Update Delete

View Update Delete

View Update Delete

View Update Delete

View Update Delete

View Update Delete

View Update Delete

View Update Delete

View Update Delete

Previous 1 2 Next

Type here to search

37%

23:22

01-06-2019

## Edit Brand:

The screenshot shows the 'Edit Brand' modal dialog in the Stock Management System. The dialog has a title bar 'Edit Brand' and a close button. It contains a dropdown menu with 'Anti Skin Allergy' selected, a text input field with 'Lulican', and 'Edit' and 'Close' buttons. The background shows the 'Brand List' table with 27 entries, filtered from 10 total entries. The table has columns for ID, Category, Brand Name, Status, and Actions (Update, Delete). The user 'Jatin Pakhrani' is logged in.

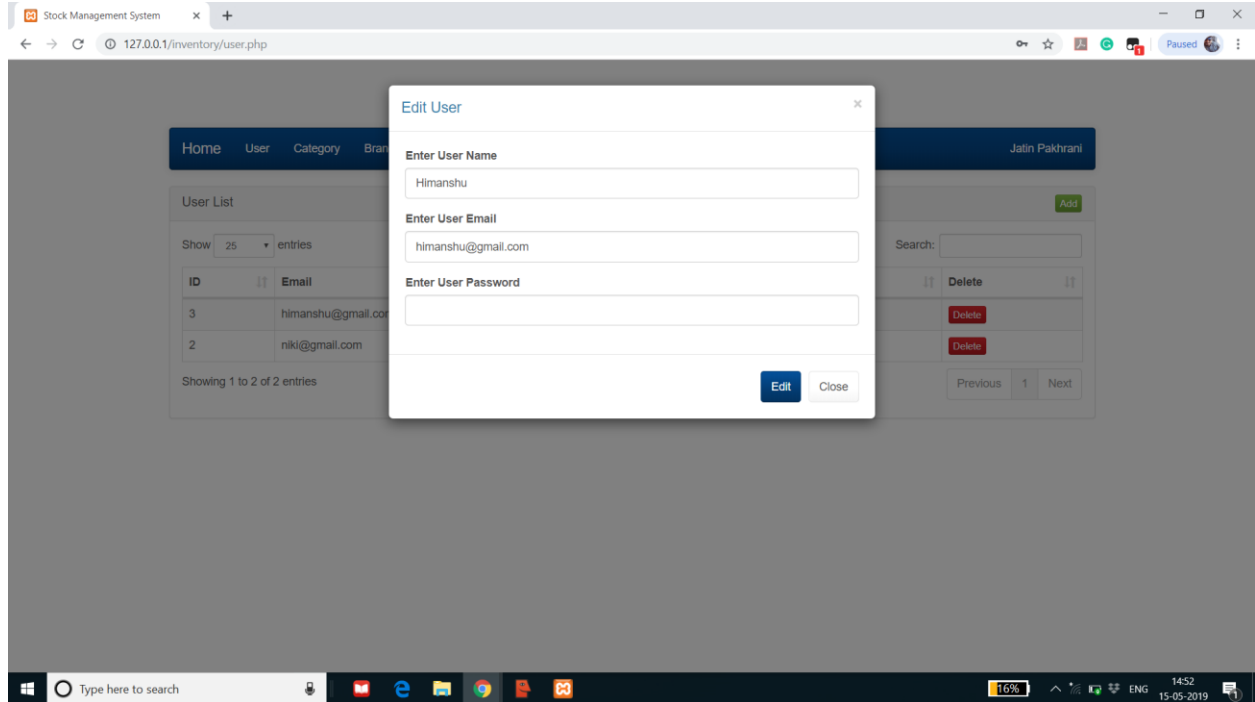
ID	Category	Brand Name	Status	Update	Delete
27	Anti Skin Allergy				
26	Anti Skin Allergy	Emruz	Active	Update	Delete
25	Anti Skin Allergy	Lulibet	Active	Update	Delete
24	Anti Skin Allergy	Lulifin	Active	Update	Delete
23	Diabetic	Glycifeg	Active	Update	Delete
22	Diabetic	Metlong	Active	Update	Delete
21	Diabetic	Gluconorm	Active	Update	Delete
20	Diabetic	Glycomat	Active	Update	Delete
19	Antiallergic	Incidol	Active	Update	Delete
18	Antiallergic	Avil Nu	Active	Update	Delete

## Edit Category:

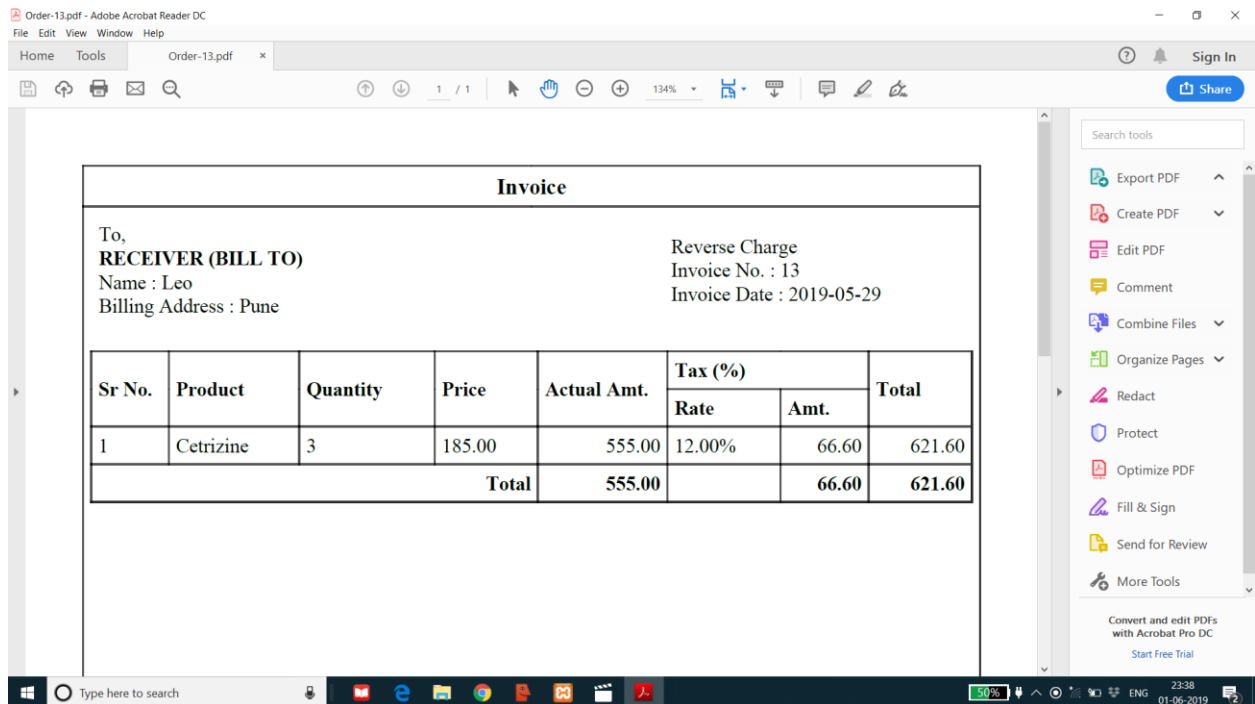
The screenshot shows the 'Edit Category' modal dialog in the Stock Management System. The dialog has a title bar 'Edit Category' and a close button. It contains a text input field with 'Anti Skin Allergy' and 'Edit' and 'Close' buttons. The background shows the 'Category List' table with 6 entries. The table has columns for ID, Category Name, Status, and Actions (Update, Delete). The user 'Jatin Pakhrani' is logged in.

ID	Category Name	Status	Update	Delete
6	Anti Skin Allergy	Active	Update	Delete
5	Diabetic	Active	Update	Delete
4	Antiallergic	Active	Update	Delete
3	Antigastro	Active	Update	Delete
2	Antibiotic	Active	Update	Delete
1	Analgesic	Active	Update	Delete

## Edit User:



## View pdf Order:



**Conclusion:**

All the modules have been completed and the data are entered .The making of the project and their modules have been a nice project making experience for the group.

**Submitted By:**

Nikita Agarwal(Team Leader)

MCA Science