



**RAJALAKSHMI
ENGINEERING COLLEGE**

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

SUPERSTORE SALES MANAGEMENT SYSTEM

SUBMITTED BY

HARIHAR T (231801048)

GIRIDHARAN R(231801040)

GOUTHAM RAJ K(231801044)

CS23332 – DATABASE MANAGEMENT SYSTEMS

Department of Artificial Intelligence and Data Science

Rajalakshmi Engineering College, Thandalam

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CHAPTER-1

1.INTRODUCTION

The two main sections:

Backend: codes that are written in Python, PHP, ASP.Net to name but a few by the developer.

And Frontend which is markup showed by clients or users browsers, and for doing this we should use HTML(Hyper Text Markup Language), it just shows some elements for users and doesn't run any functions.

When you go to a specific URL, your request is sent to your desired server and it'll render for your HTML of the site, in fact, the server runs any server-side functions.

The Front-End used in this project is HTML along with the CSS language.

HTML is the standard markup language for creating Web pages.

- HTML stands for Hyper Text Markup Language
- HTML describes the structure of Web pages using markup
- HTML elements are the building blocks of HTML pages
- HTML elements are represented by tags
- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on
- Browsers do not display the HTML tags, but use them to render the content of the page

1.1 Advantages of HTML:

1. The first advantage it is widely used.
2. Every browser supports HTML language.
3. Easy to learn and use.
4. It is by default in every window so you don't need to purchase extra software.
5. You can integrate HTML with CSS, JavaScript, php etc.

The back-end database used in this project is **MySQL**

It is a language used to interrogate and process data in a relational database. Originally developed by IBM for its mainframes, SQL commands can be used to interactively work with a database or can be embedded within a script or programming language as an interface to a database. Programming extensions to SQL have turned it into a full-blown database programming language, and all major database management systems (DBMSs) support it. ANSI standardized SQL.

But most DBMSs have some proprietary enhancement, which if used, makes SQL non-standard. Moving an application from one SQL database to another sometimes requires tweaking, the age-old problem in this business!

1.2 Advantages of MySQL:

1. SQL Queries can be used to retrieve large amounts of records from a database quickly.
2. SQL is used to view the data without storing the data into the object
3. SQL joins two or more tables and show it as one object to user
4. SQL databases use long-established standard, which is being adopted by ANSI & ISO. Non-SQL databases do not adhere to any clear standard.
5. Using standard SQL, it is easier to manage database systems without having to write substantial amount of code.

CHAPTER-2

2.1 About the Project:

Super store is an Indian retail store that operates as a chain of hypermarkets. It is one of the oldest and largest hypermarket chain of India, housing about 150+ stores over 60 cities and towns of the country. It has wide range of categories such as Groceries, Clothing & Fashion, Furniture, Electronics, Office Supplies, Cosmetics, Kitchen & Dining utilities and many more

2.1.2 Main features are:

1. Sales Management
2. Revenue Analytics
3. Inventory Management
4. Shipment Management
5. Category wise Analytics
6. Advance Records Searching
7. Advance Reports

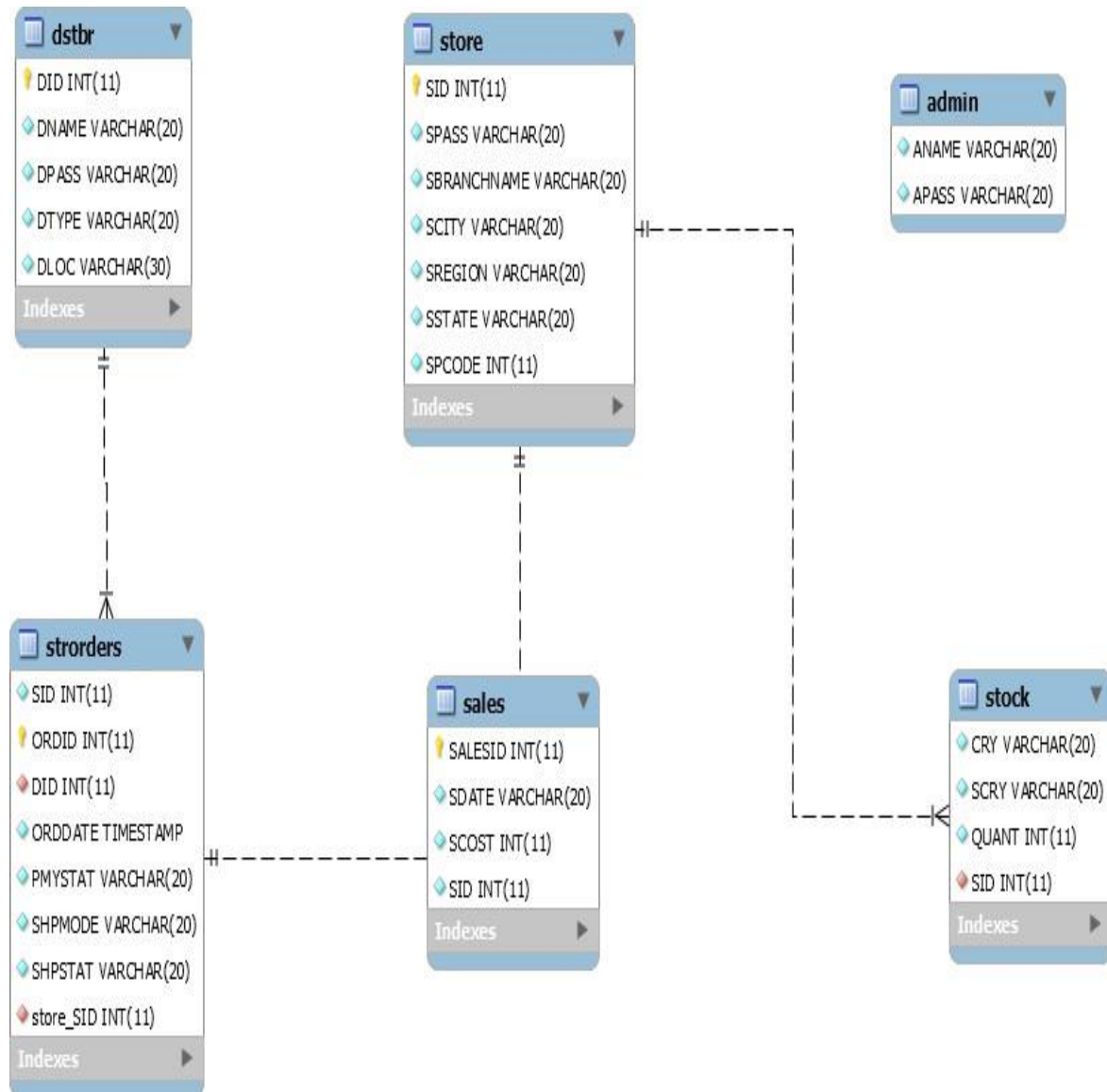
2.1.3 Objectives:

1. Maintains the details of Sales by Store/Region/State
2. Profits/Sales Analytics
3. Details of Store i.e. No's,Region,Address
4. List of orders which have not been Delivered
5. List of payment paid or pending to the Distributors
6. Profit calculation by date/month/season
7. Maintains the details of product stock.
8. Track Shipment of an Store Order
9. The stock that is to buy if quantity goes less than a particular amount and Profit calculation for a month

CHAPTER-3

3.1 BACK-END DESIGN

3.1.1 Conceptual Database Design(ER-Diagram)



3.1.2 Logical Database Design(ER Mapping)

SCHEMA DIAGRAM

ADMIN

<u>ANAME</u>	APASS
--------------	-------

DISTRIBUTOR

<u>DID</u>	DNAME	DPASS	DTYPE	DLOC
------------	-------	-------	-------	------

SALES

<u>SALESID</u>	SDATE	SCOST	SID
----------------	-------	-------	-----

STOCK

CRY	SCRY	QUANT	SID
-----	------	-------	-----

STORE

<u>SID</u>	SPASS	SBRANCHNAME	SCITY	SREGION	SDATE	SPCODE
------------	-------	-------------	-------	---------	-------	--------

STOREORDERS

SID	<u>ORDNO</u>	DID	ORDDATE	PMTSTAT	SHPMODE	SHPSTAT
-----	--------------	-----	---------	---------	---------	---------

- The entities are represented as tables.
- The tables contain the attributes.
- The attributes which are underlined are referred as primary keys.

3.2 FRONT-END DESIGN

3.2.1 Front-end web development details

- **HTML** provides the *basic structure* of sites, which is enhanced and modified by other technologies like CSS and JavaScript.
- **CSS** is used to control *presentation, formatting, and layout*.
- **JavaScript** is used to control the *behavior* of different elements.

HTML

HTML is at the core of every web page, regardless the complexity of a site or number of technologies involved. It's an essential skill for any web professional. It's the starting point for anyone learning how to create content for the web. And, luckily for us, it's surprisingly easy to learn.

CSS

CSS stands for Cascading Style Sheets. This programming language dictates how the HTML elements of a website should actually appear on the frontend of the page.

JavaScript

JavaScript is a more complicated language than HTML or CSS, and it wasn't released in beta form until 1995. Nowadays, JavaScript is supported by all modern web browsers and is used on almost every site on the web for more powerful and complex functionality.

3.2.2 Connectivity (front end and Back end):

PHP is an amazing and popular language!

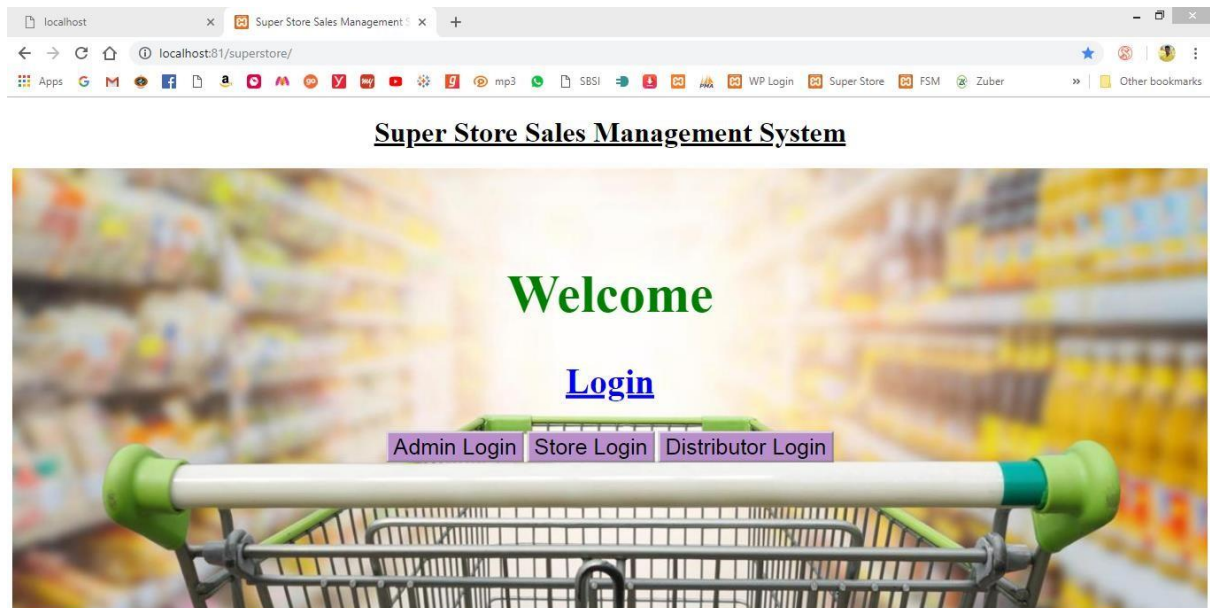
It is powerful enough to be at the core of the biggest blogging system on the web (WordPress)!, It is deep enough to run the largest social network (Facebook)!, It is also easy enough to be a beginner's first server side language!

- PHP is an acronym for "PHP: Hypertext Preprocessor"
- PHP is a widely-used, open source scripting language
- PHP scripts are executed on the server
- PHP is free to download and use
- PHP files can contain text, HTML, CSS, JavaScript, and PHP code
- PHP code are executed on the server, and the result is returned to the browser as plain HTML
- With PHP you are not limited to output HTML. You can output images, PDF files, and even Flash movies. You can also output any text, such as XHTML and XML.

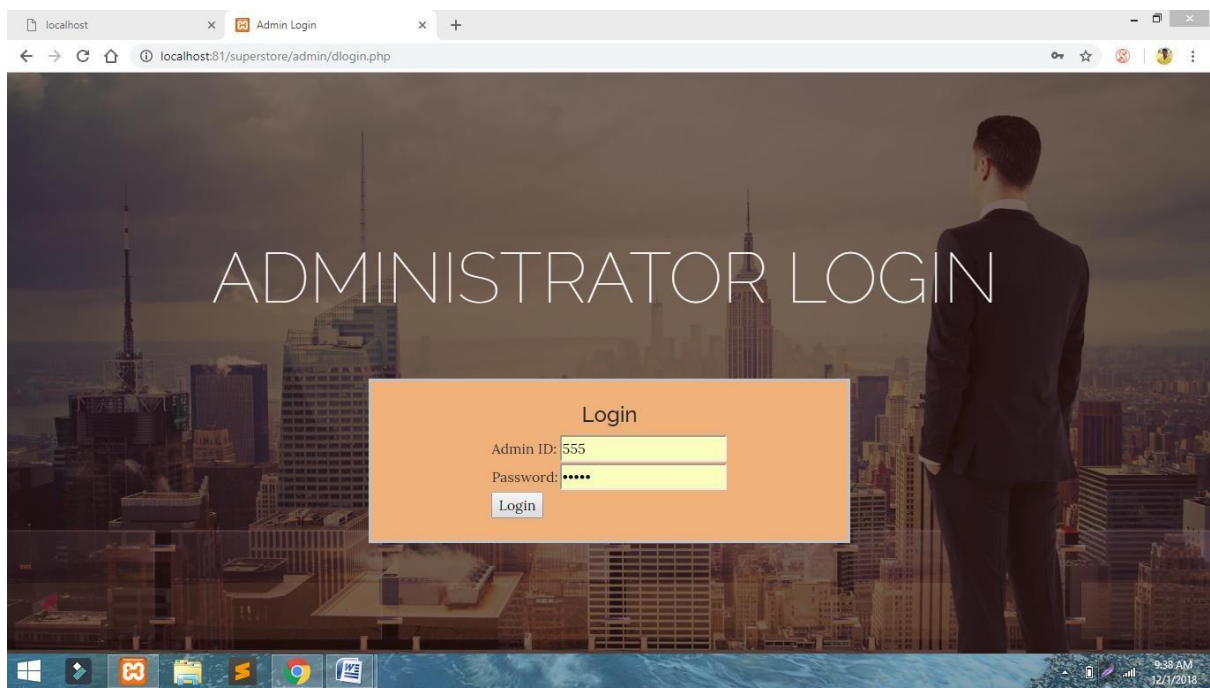
CHAPTER-4

4.1 OUTPUT

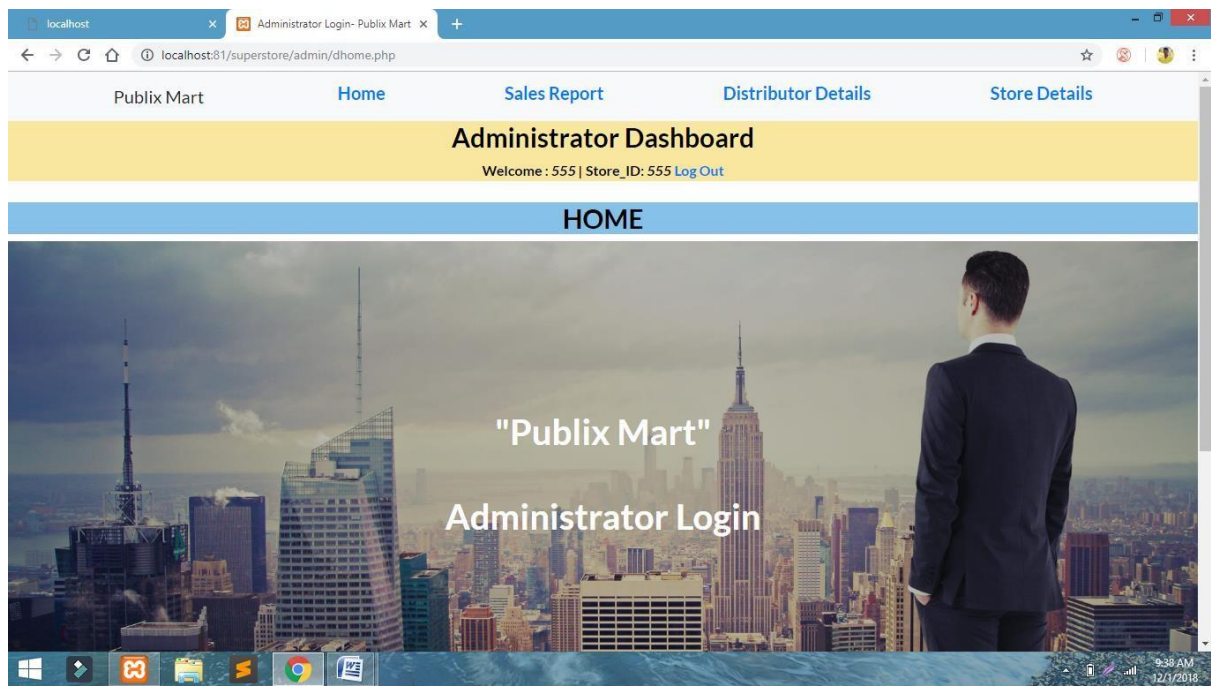
4.1.1 HOME



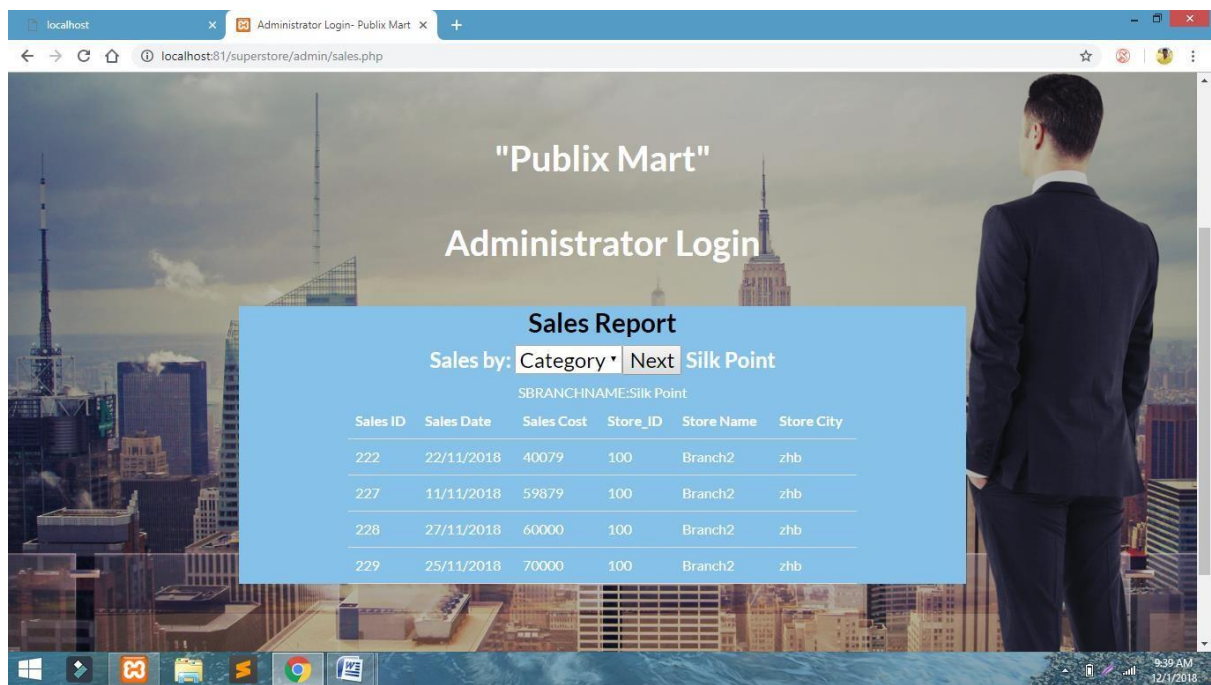
4.1.2 ADMIN LOGIN:



ADMIN HOMEPAGE



SALES REPORT



DISTRIBUTOR TABLE AND NEW DISTRIBUTOR REGISTRATION PANEL

The screenshot shows the Administrator Dashboard for Publix Mart. The dashboard includes a navigation bar with links to Home, Sales Report, Distributor Details, and Store Details. The main content area is divided into two sections: Distributor Details and New Distributor.

Distributor Details Table:

Distributor ID	Distributor Name	Type	Warehouse Location
1000	Fritolay	Electrical	Delhi
1001	Pepsico	CoolDrinks	Hyd

New Distributor Form:

The form includes input fields for Distributor Name, Distributor Type, and Distributor Location, along with a Register New Distributor button.

STORE MANAGEMENT PANEL

The screenshot shows the Administrator Dashboard for Publix Mart, specifically the Store Management Panel. The dashboard includes a navigation bar with links to Home, Sales Report, Distributor Details, and Store Details. The main content area is divided into two sections: Store Details and Register New Branch.

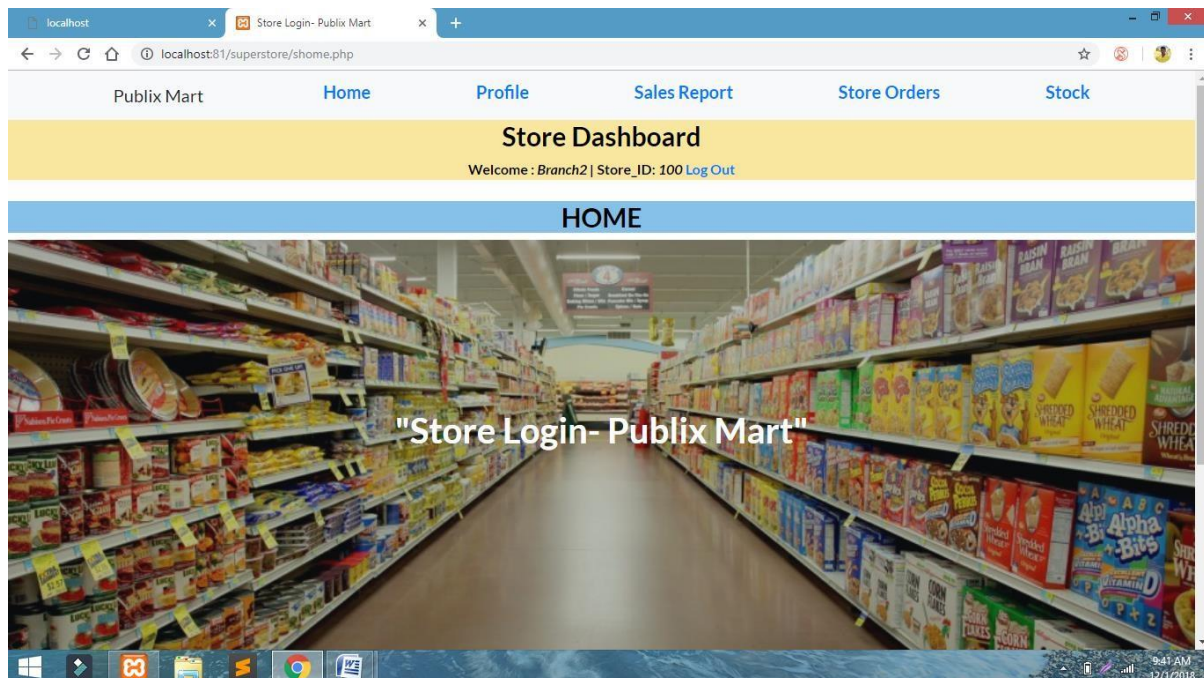
Store Details Table:

Store ID	Branch Name	Branch City	Branch Region	Branch State	Pincode
100	Branch2	zhb	south	Tela	222
101	Silk Point	Bidar	North Karnataka	Karnataka	585401

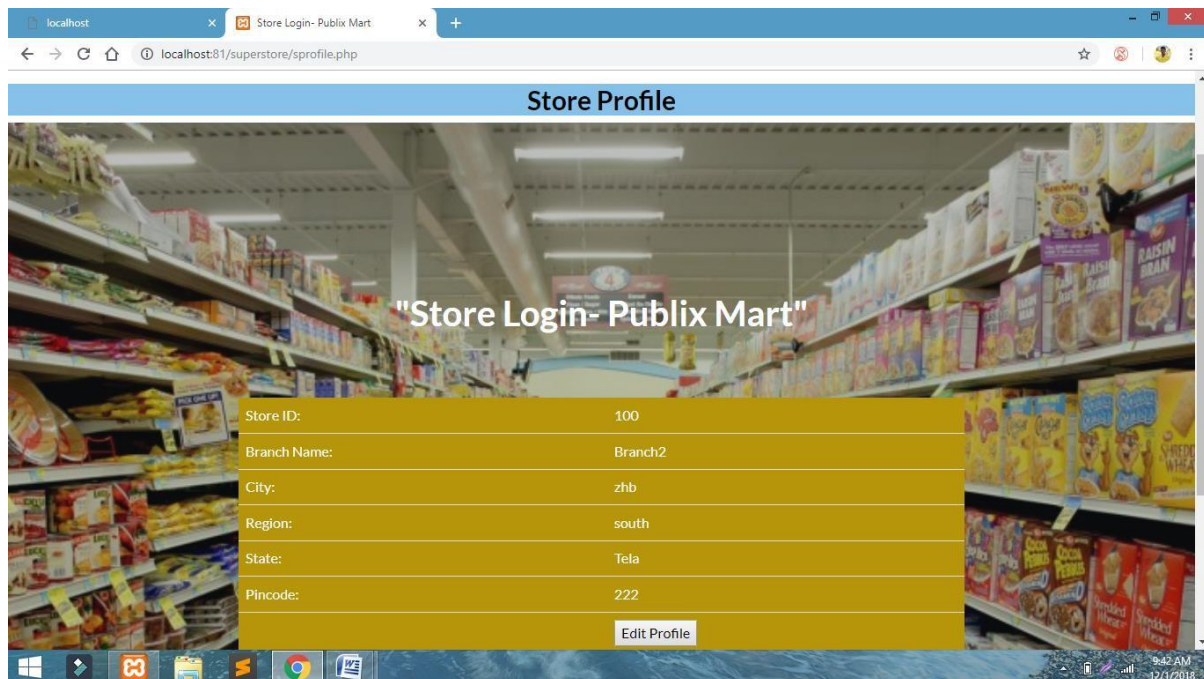
Register New Branch Form:

The form includes input fields for Branch Name, City, Region, and State, along with a Register New Branch button.

4.1.3 STORE LOGIN:



STORE PANEL



EDIT PROFILE PANEL

The screenshot shows a web browser window with the address bar displaying 'localhost:81/superstore/sprofileedit.php'. The page features a background image of a grocery store aisle. Overlaid on this is a light blue form titled '"Store Login- Publix Mart"'. The form contains the following fields and buttons:

Store ID:	100	Not Allowed
Branch Name:	<input type="text" value="Branch2"/>	<input type="button" value="Submit"/>
Branch City:	<input type="text" value="zhb"/>	<input type="button" value="Submit"/>
Branch Region:	<input type="text" value="south"/>	<input type="button" value="Submit"/>
Branch State:	<input type="text" value="Tela"/>	<input type="button" value="Submit"/>
PINCODE:	<input type="text" value="222"/>	<input type="button" value="Submit"/>
Password	<input type="password" value="*****"/>	<input type="button" value="Submit"/>

SALES REPORT MANAGEMENT PANEL

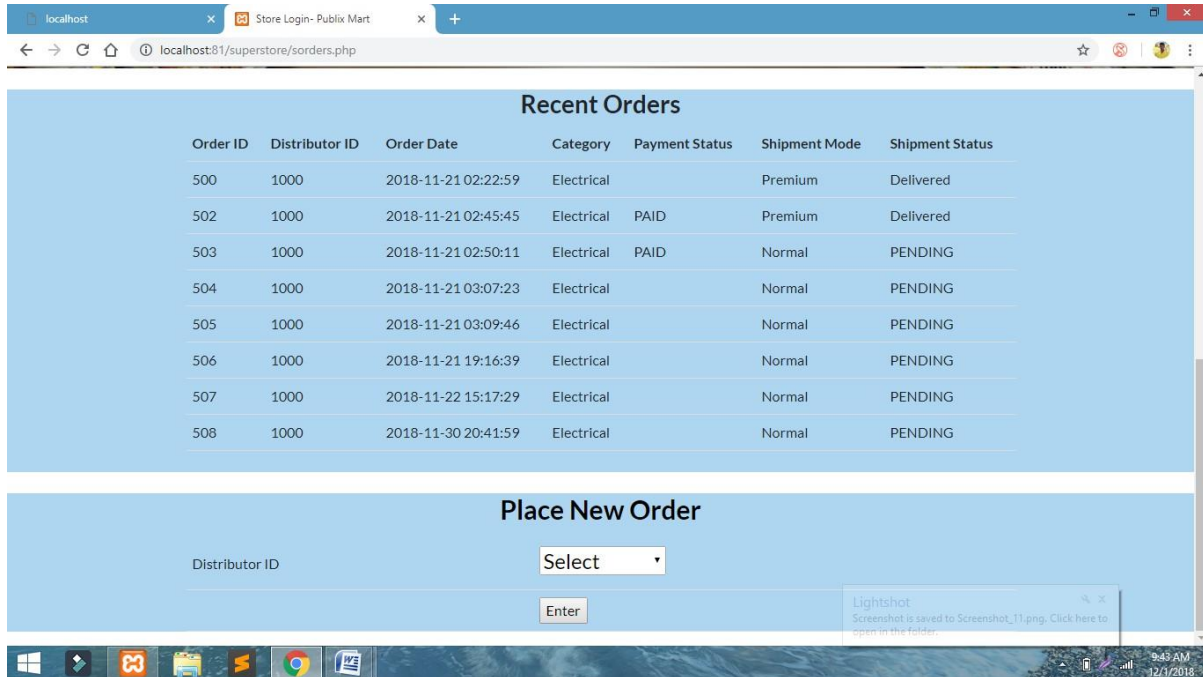
The screenshot shows a web browser window with the address bar displaying 'localhost:81/superstore/ssales.php'. The page features a background image of a grocery store aisle. Overlaid on this is a light blue form titled 'Sales Entries'. The form contains a table with the following data:

Sales ID	Sales Date	Sales Cost
222	22/11/2018	40079
227	11/11/2018	59879
228	27/11/2018	60000
229	25/11/2018	70000

Below the table is a section titled 'New Sales Entry' with the following fields and buttons:

Sales Date(DD/MM/YYYY)	<input type="text"/>
Sales Cost	<input type="text"/>
<input type="button" value="Enter"/>	

STORE ORDERS TO THE DISTRIBUTOR



Recent Orders

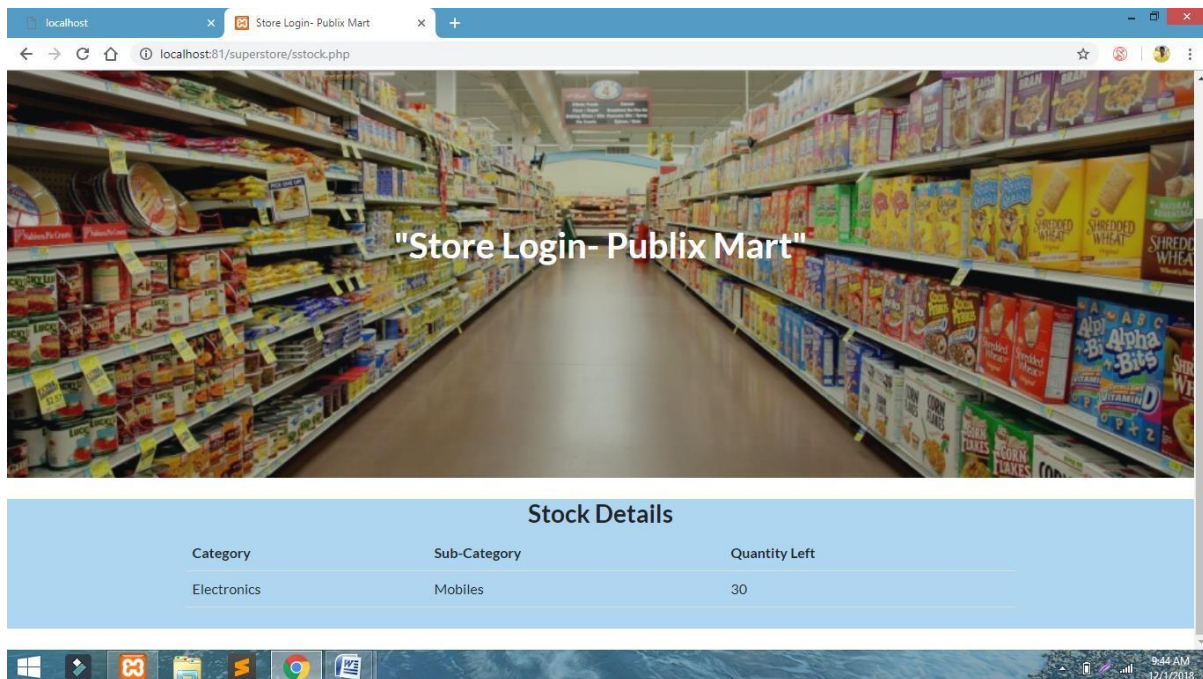
Order ID	Distributor ID	Order Date	Category	Payment Status	Shipment Mode	Shipment Status
500	1000	2018-11-21 02:22:59	Electrical		Premium	Delivered
502	1000	2018-11-21 02:45:45	Electrical	PAID	Premium	Delivered
503	1000	2018-11-21 02:50:11	Electrical	PAID	Normal	PENDING
504	1000	2018-11-21 03:07:23	Electrical		Normal	PENDING
505	1000	2018-11-21 03:09:46	Electrical		Normal	PENDING
506	1000	2018-11-21 19:16:39	Electrical		Normal	PENDING
507	1000	2018-11-22 15:17:29	Electrical		Normal	PENDING
508	1000	2018-11-30 20:41:59	Electrical		Normal	PENDING

Place New Order

Distributor ID:

Lightshot
Screenshot is saved to Screenshot_11.png. Click here to open in the folder.

STOCK DETAILS

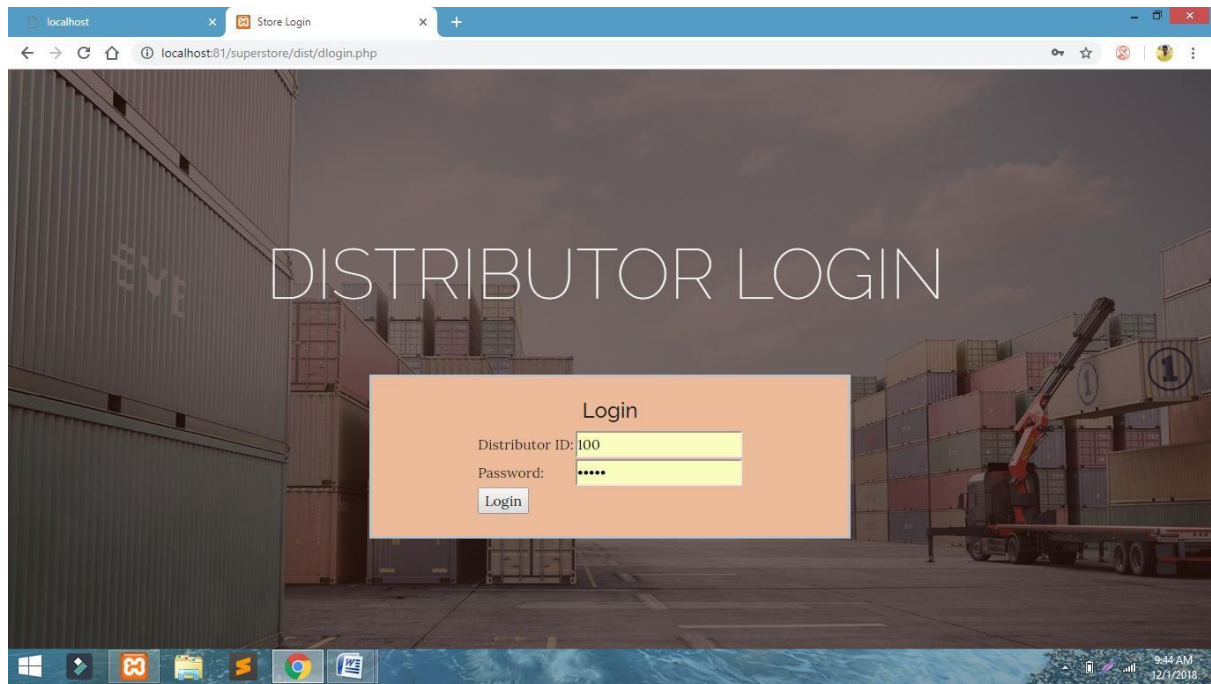


"Store Login- Publix Mart"

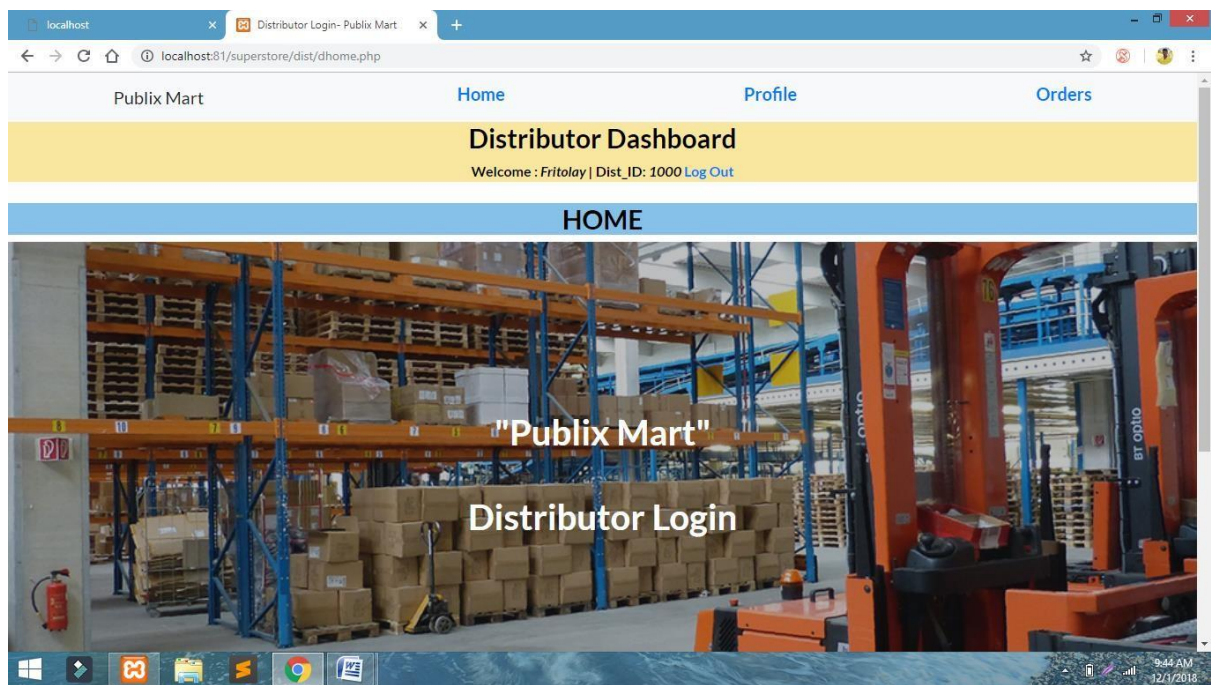
Stock Details

Category	Sub-Category	Quantity Left
Electronics	Mobiles	30

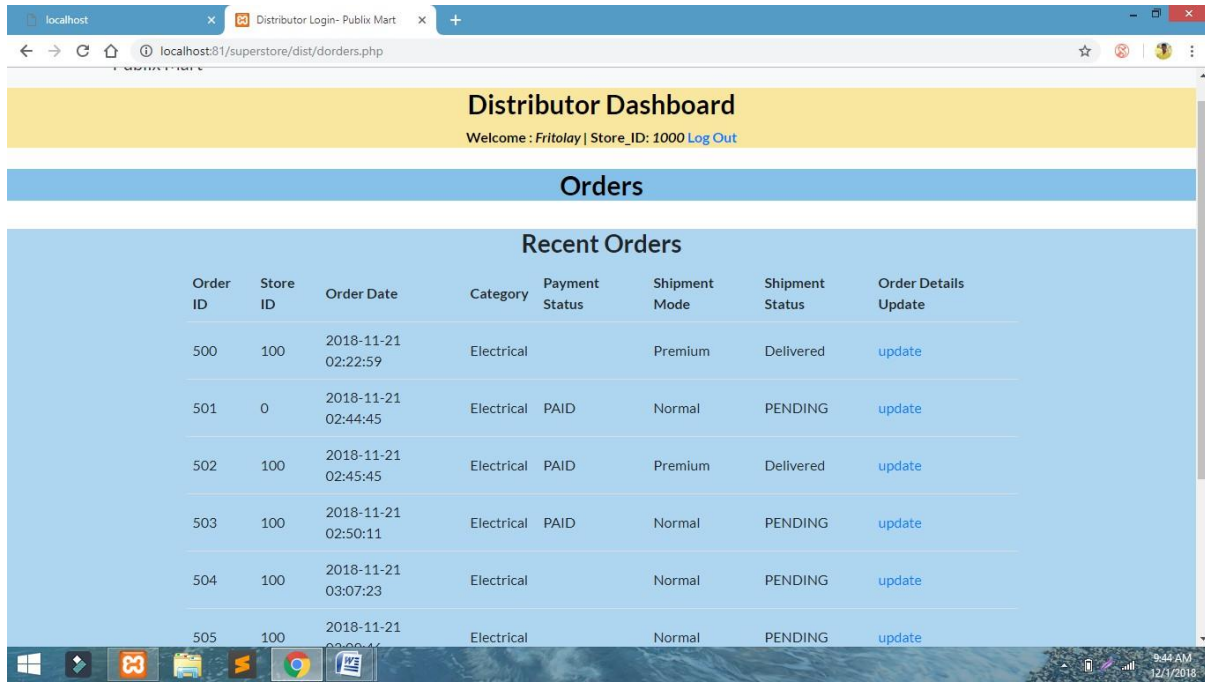
4.1.4 DISTRIBUTOR LOGIN:



DISTRIBUTOR HOME



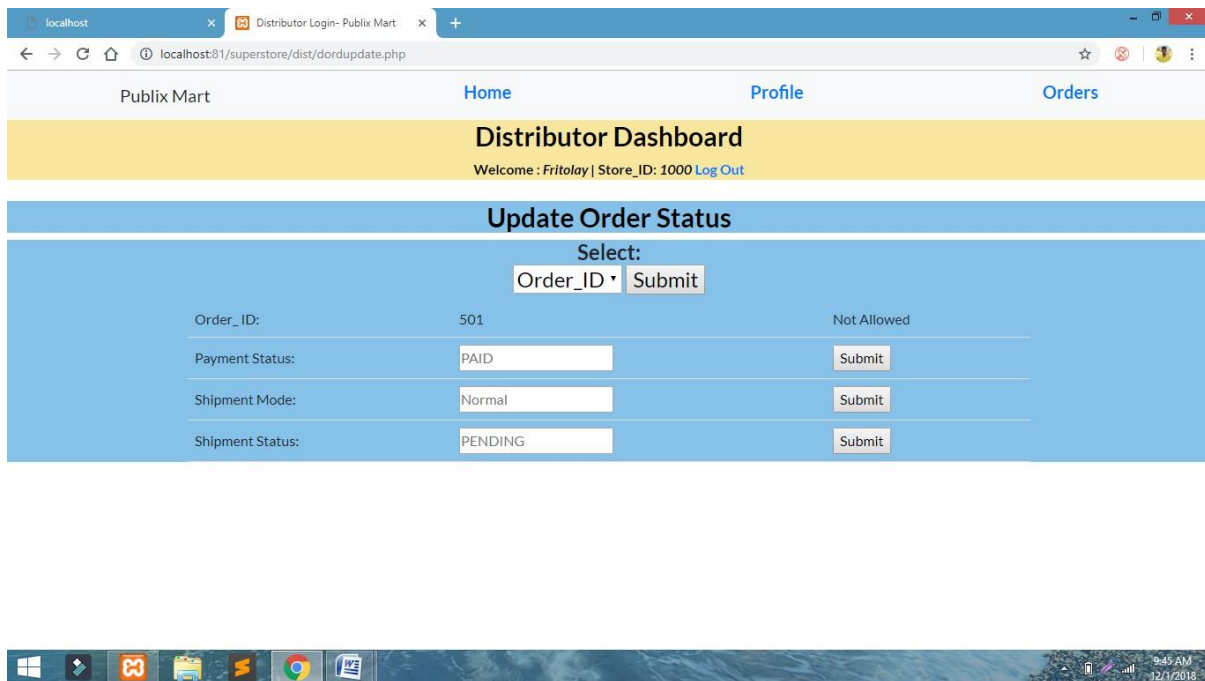
DISTRIBUTOR ORDERS FROM VARIOUS STORES



The screenshot shows a web browser window with the URL `localhost:81/superstore/dist/dorders.php`. The page title is "Distributor Dashboard" and it says "Welcome : Fritolay | Store_ID: 1000 Log Out". Below the title is a section titled "Orders" and "Recent Orders". It contains a table with 8 columns: Order ID, Store ID, Order Date, Category, Payment Status, Shipment Mode, Shipment Status, and Order Details Update. The table lists 6 orders with IDs 500 through 505.

Order ID	Store ID	Order Date	Category	Payment Status	Shipment Mode	Shipment Status	Order Details Update
500	100	2018-11-21 02:22:59	Electrical		Premium	Delivered	update
501	0	2018-11-21 02:44:45	Electrical	PAID	Normal	PENDING	update
502	100	2018-11-21 02:45:45	Electrical	PAID	Premium	Delivered	update
503	100	2018-11-21 02:50:11	Electrical	PAID	Normal	PENDING	update
504	100	2018-11-21 03:07:23	Electrical		Normal	PENDING	update
505	100	2018-11-21 03:08:16	Electrical		Normal	PENDING	update

ORDER STATUS MANAGE PANEL



The screenshot shows a web browser window with the URL `localhost:81/superstore/dist/dordupdate.php`. The page title is "Distributor Dashboard" and it says "Welcome : Fritolay | Store_ID: 1000 Log Out". Below the title is a section titled "Update Order Status". It contains a form with a "Select:" dropdown menu showing "Order_ID" and a "Submit" button. Below this, there are four rows of input fields for "Order_ID", "Payment Status", "Shipment Mode", and "Shipment Status", each with a "Submit" button. The "Order_ID" field is currently set to "501" and shows a "Not Allowed" message.

Update Order Status		
Select:		
Order_ID	Submit	
Order_ID:	501	Not Allowed
Payment Status:	PAID	Submit
Shipment Mode:	Normal	Submit
Shipment Status:	PENDING	Submit

5.1 MODULES

- **ADMINISTRATORS:** Responsible for Centralised Store and Distributor Management
- **DISTRIBUTORS:** Distributors respond to the store orders.
- **STORE:** Located at various parts of the country.
- **STORE MANAGER:** Involved in Stock and Sales Management of an Store.

5.2 APPLICATIONS

This can be used at centralized management unit for superstores.

The Distributor Panel helps in managing store orders and updating the store order details like Invoice,Shipments,Payment.

The Store Manager Panel has greater applications in managing his Store Stocks maintaining customer interactions.

The Administrator Panel helps the management team of the superstores to maintain all the stores worldwide area at one central interface.

7.CONCLUSION

While developing this project we have learnt a lot about HTML/CSS/JS/PHP/MySQL and working with database management, we have also learnt how to make the application user-friendly (easy to use and handle) by hiding the complicated parts of it from the users.

During the development process, we studied carefully and understood the criteria for making a software more demanding, we also realized the importance of maintaining a minimal margin for errors.

BIBLIOGRAPHY

It has been a matter of immense pleasure, honor and challenge to have this opportunity to take up this project and complete it successfully.

We have obtained information from various resources to design and implement our project. We have acquired most of the knowledge from the Internet.

The following are some of the resources:

- Prof.Guruprasad
- www.w3schools.com
- www.tutorialspoint.com
- Google and Youtube Tutorials.