

GROCERY STORE

B.Tech S.Y.

Division IT-A

NAME – SRUSHTI SHINGADE

ROLL NO - 57

SOFTWARE DEVELOPMENT PROJECT(SDP)

Vishwakarma Institute of Technology, Pune

OUTLINE

- **INTRODUCTION**
- **OBJECTIVES AND AIM**
- **LITERATURE REVIEW**
- **PROBLEM STATEMENT**
- **BACKGROUND**
- **IMPLEMENTATION**
- **RESULTS AND DISCUSSION**
- **CONCLUSION AND FUTURE SCOPE**
- **REFERENCES**

INTRODUCTION

- Application software is computing software designed to carry out a specific task.
- Application software's reduce our both physical as well as mental efforts.
- They are handy and save a lot of time .
- Effective and worthy output by them assists us to look after our difficulties.

INTRODUCTION

- In very identical manner **Grocery Store** is designed .
- Many issues/complications are being faced in order to buy grocery and face the crowd in this pandemic situation.
- The problems and difficulties faced by each and every individual about the grocery concern will get easily and effectively resolved using the Grocery Store.
- It basically includes two modules.
 1. For Admin
 2. For User

OBJECTIVES

OBJECTIVES :

- To sort all of the problems related to buying of the grocery.
- To provide finest products.
- To reduce mental and physical efforts.
- To guarantee good delivery and payment options.
- Maintaining social distancing while delivery of the products.

BACKGROUND

- Gathering of information related to grocery products
- Perfect allocation of prices to each product
- Making traveling in local places handy by providing best means of transport within destination.
- Making it easier for the citizens to order whatever they want in online mode

IMPLEMENTATION

- Frontend/UI – HTML, CSS, Javascript, Bootstrap
- Language used - PHP
- Database - MySQL
- Visual Studio Code(VSCode) Editor being used as means of Technology for process
- phpMyAdmin is used for the database design.
- Software – xampp
- Browser – Google Chrome, Mozilla, OPERA, IE8

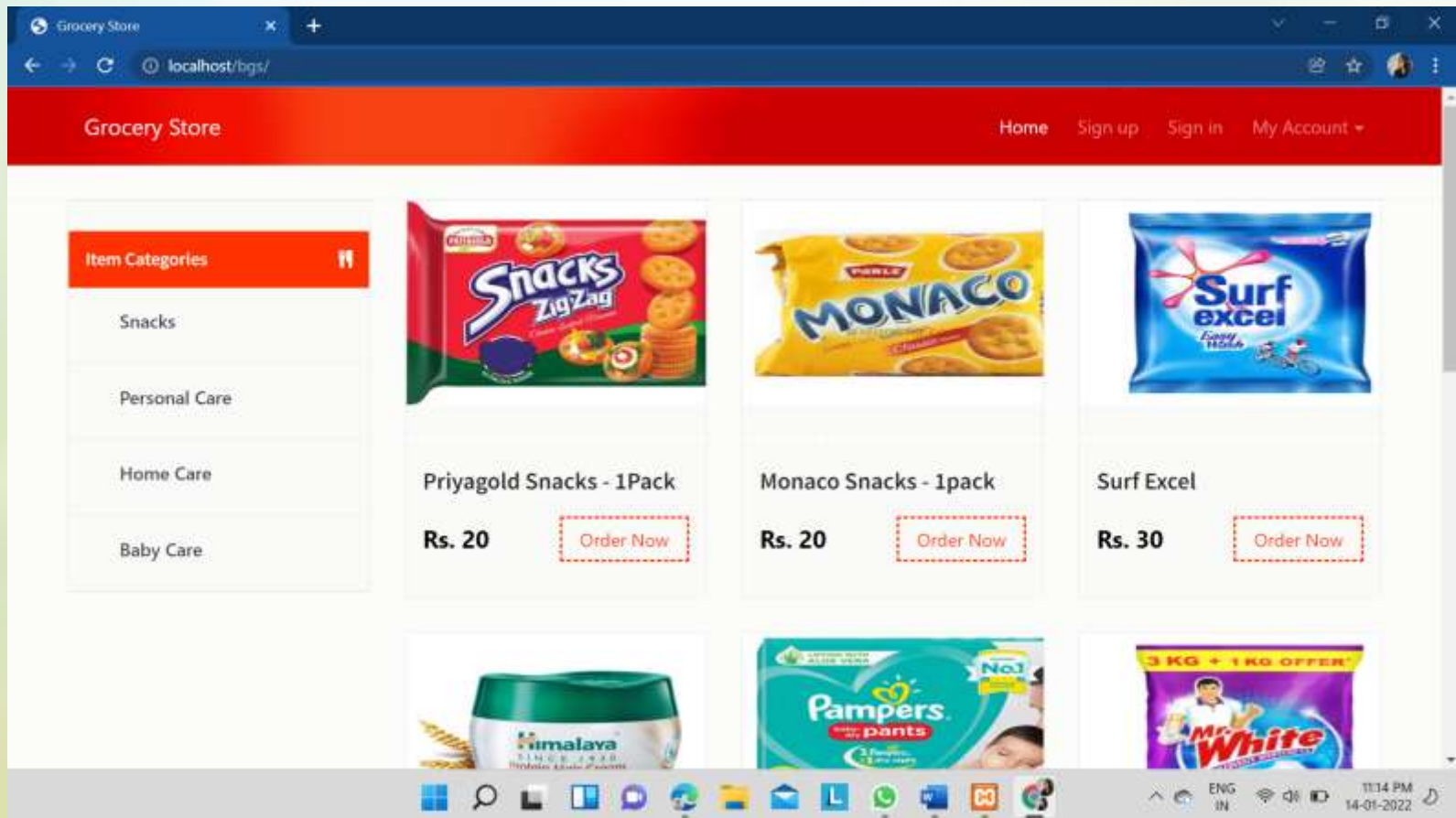
IMPLEMENTATION (CONT.)

Methodology Implemented:

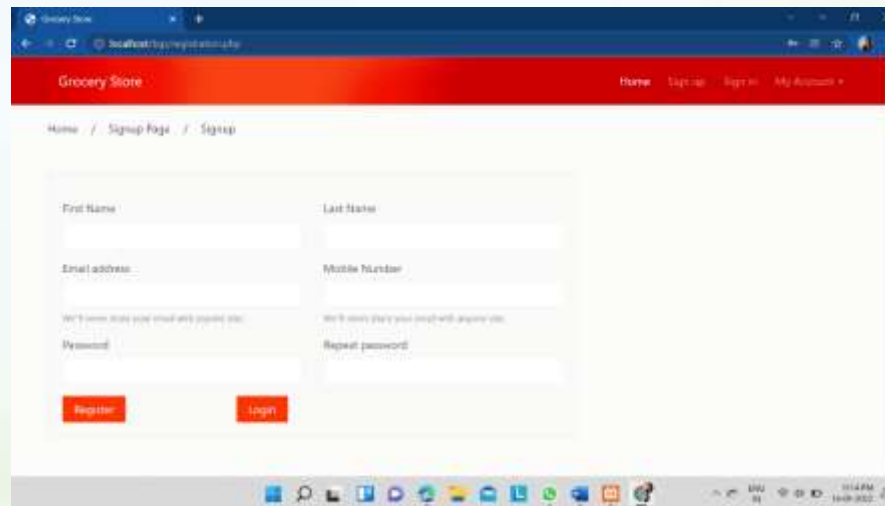
Steps involved in developing application

- 1] Getting thorough information about GUI toolkits applicable in php
- 2] Creating a database
- 3] Getting information about the connections to be made between the database and the backend
- 4] Searching for required database contents
- 5] Storing given information in memory and using the same whenever needed
- 6] Assembling various interfaces in sequence as per the demand of user's preference using commands displayed by buttons

RESULTS



RESULTS(CONT.)



A screenshot of a web browser displaying the 'Grocery Store' registration page. The browser's address bar shows 'localhost:8080/register.php'. The page has a red header with the site name and navigation links. The breadcrumb trail is 'Home / Signup Page / Signup'. The registration form is divided into two columns. The left column contains fields for 'First Name', 'Email address', and 'Password'. The right column contains fields for 'Last Name', 'Mobile Number', and 'Repeat password'. Below the 'Email address' field, there is a note: 'We'll never share your email with anyone else.' Below the 'Password' field, there is a note: 'We'll never share your email with anyone else.' At the bottom of the form are two red buttons: 'Register' and 'Login'.

Grocery Store

Home Signup Page Register My Account

Home / Signup Page / Signup

First Name

Last Name

Email address

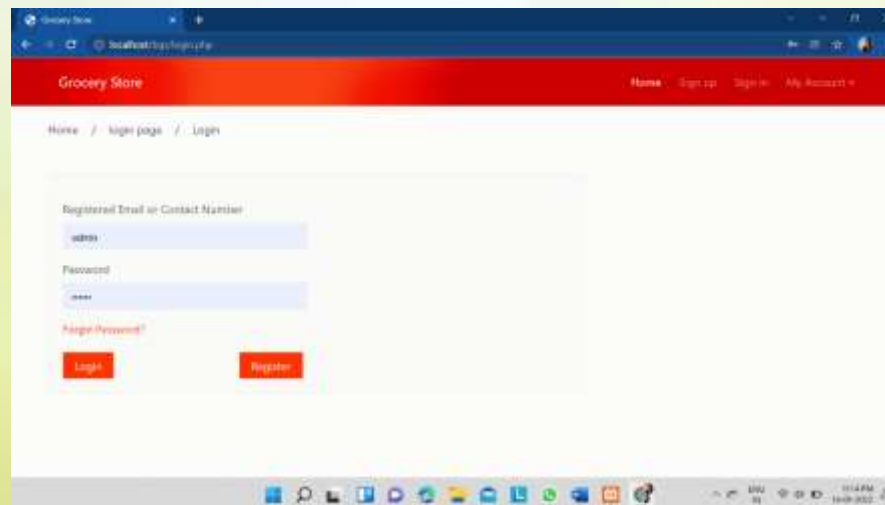
Mobile Number

We'll never share your email with anyone else.

Password

Repeat password

Register Login



A screenshot of a web browser displaying the 'Grocery Store' login page. The browser's address bar shows 'localhost:8080/login.php'. The page has a red header with the site name and navigation links. The breadcrumb trail is 'Home / login page / Login'. The login form is divided into two columns. The left column contains fields for 'Registered Email or Contact Number' and 'Password'. The right column contains a 'Forgot Password?' link and a 'Register' button. At the bottom of the form are two red buttons: 'Login' and 'Register'.

Grocery Store

Home Signup Page Register My Account

Home / login page / Login

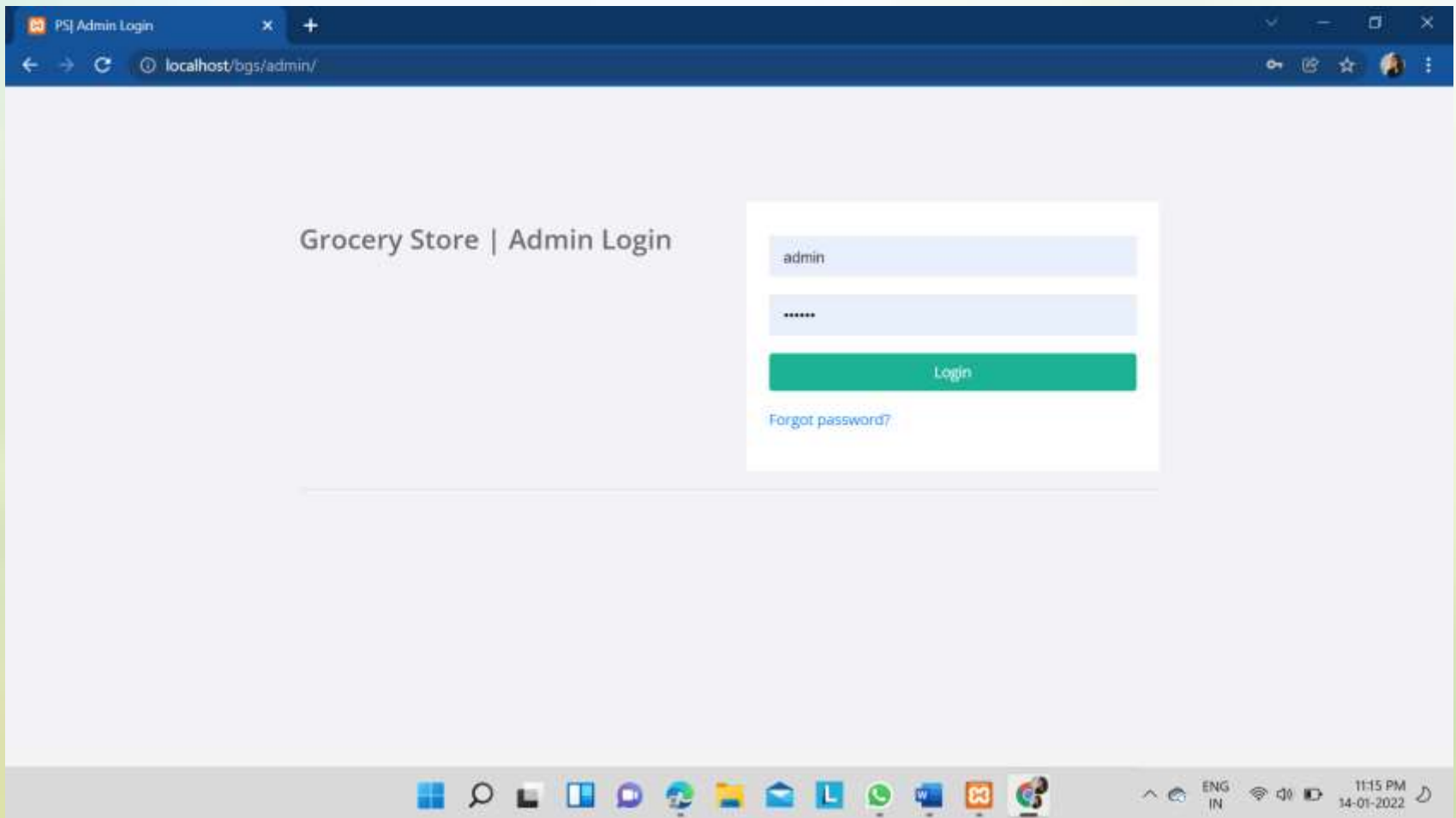
Registered Email or Contact Number

Password

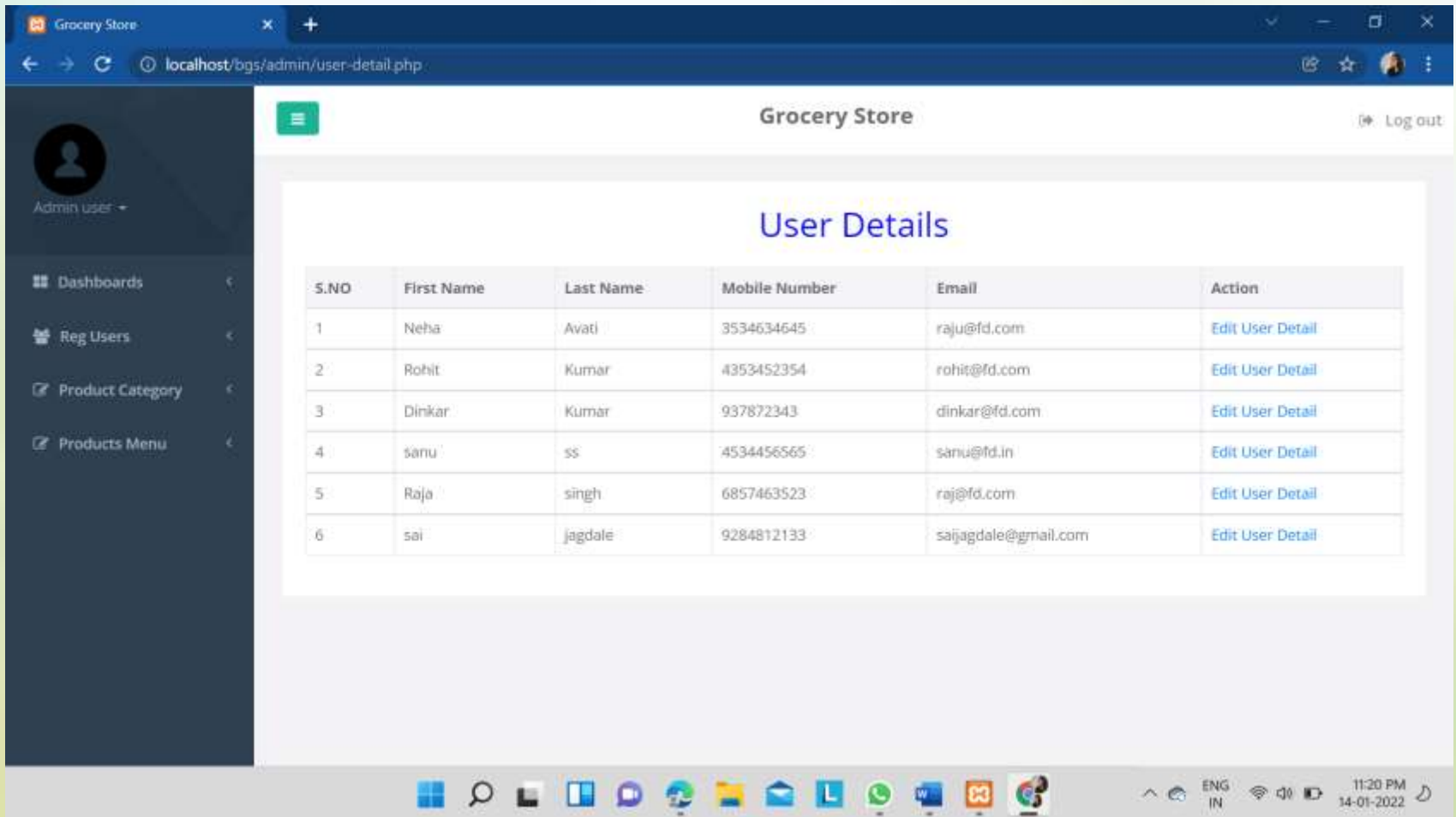
Forgot Password?

Login Register

RESULTS(CONT.)



RESULTS(CONT.)



The screenshot displays a web application interface for a 'Grocery Store'. The browser address bar shows the URL 'localhost/bgs/admin/user-detail.php'. The application has a dark sidebar on the left with a menu containing 'Dashboards', 'Reg Users', 'Product Category', and 'Products Menu'. The main content area is titled 'User Details' and contains a table with 6 rows of user information. Each row has an 'Action' column with a link to 'Edit User Detail'. The table data is as follows:

S.NO	First Name	Last Name	Mobile Number	Email	Action
1	Neha	Avati	3534634645	raju@fd.com	Edit User Detail
2	Rohit	Kumar	4353452354	rohit@fd.com	Edit User Detail
3	Dinkar	Kumar	937872343	dinkar@fd.com	Edit User Detail
4	sanu	ss	4534456565	sanu@fd.in	Edit User Detail
5	Raja	singh	6857463523	raj@fd.com	Edit User Detail
6	sai	jagdale	9284812133	saijagdale@gmail.com	Edit User Detail

The bottom of the image shows a Windows taskbar with various application icons and a system clock indicating 11:20 PM on 14-01-2022.

RESULTS(CONT.)

Grocery Store

Log out

Manage Product Category

S.NO	Category Name	Creation Date	Action
1	Snacks	2020-08-24 06:34:28	Edit
2	Personal Care	2020-08-24 06:34:42	Edit
3	Home Care	2020-08-24 06:34:50	Edit
4	Baby Care	2020-08-24 06:35:01	Edit

Admin user

- Dashboards
- Reg Users
- Product Category**
- Products Menu

ENG IN 11:20 PM 14-01-2022

RESULTS(CONT.)

The screenshot shows a web browser window with the address bar displaying `localhost/bgs/admin/manage-fooditems.php`. The page title is "Grocery Store". The left sidebar contains a user profile icon labeled "Admin user" and a menu with the following items: "Dashboards", "Reg Users", "Product Category", and "Products Menu". The main content area is titled "Manage Product Items" and contains a table with the following data:

S.NO	Category Name	Item Name	Action
1	Snacks	Priyagold Snacks - 1Pack	Edit
2	Snacks	Monaco Snacks - 1pack	Edit
3	Home Care	Surf Excel	Edit
4	Personal Care	Himalya Hair Cream	Edit
5	Baby Care	Pampers	Edit
6	Home Care	Mr.White Detergent Powder - 3KG with Free 1kg	Edit
7	Personal Care	Dabur Red Ayurvedic Paste - Complete Dental Care - 200g+100g with free Binaca Tooth Brush worth Rs 21	Edit
8	Personal Care	Harpic Original Powerplus - 1 L (Pack of 2)	Edit
9	Personal Care	Colgate ZigZag Toothbrush - Medium (Pack of 6)	Edit
10	Baby Care	Supples Baby Wet Wipes with Aloe Vera and Vitamin E - 72 Wipes/Pack, (Pack of 6)	Edit
11	Baby Care	Pampers	Edit

The Windows taskbar at the bottom shows the date and time as 11:20 PM on 14-01-2022, along with system icons for network, volume, and battery.

CONCLUSION

- Home Delivery is currently recognized as a global industry which is highly growing at a high rate like other industries.
- The 'Grocery Store' helps in online distribution of grocery
- This application provides such user friendly interface that allows the customers to control and handle the functionalities effectively and efficiently.

FUTURE SCOPE

- Using GPS technology and mathematical modeling software to track the location of the customer to deliver their products on correct location.
- Adding each and every product in different quantities so it can be profitable and also handy to order less or more amount of grocery accordingly.
- Customer reviews and feedback.
- Joining hands with the delivering companies.

References

- 1) https://www.researchgate.net/publication/38178214_Online_grocery_shopping_The_influence_of_situational_factors
- 2) https://www.researchgate.net/publication/324806028_A_Study_on_Consumers_acuity_towards_online_grocery_shopping
- 3) <https://iosrjournals.org/iosr-jbm/papers/Conf.15010/Volume%202/25.%2048-53.pdf>
- 4) [Microsoft Word - Consumer Attitudes Towards Online Grocery Shopping.docx \(diva-portal.org\)](#)

Thank You

GROCERY STORE

Srushti Shingade
Software Development Project (SDP)
Vishwakarma Institute of Technology, Pune
Pune, India
srushti.shingade20@vit.edu

Abstract — The Grocery Store is a web application which totally runs in online mode and enables the user to order the grocery in just few clicks. Food Retail Industry has undergone many changes due to Information technology and of course the Covid crises which has paved way for them. This has led to creation of website/webpage by many developers that provide competitive rates and offers to customers directly. We provide plenty of products under one store dealing with new business opportunities in e-commerce or e-tail marketing with spot payment. Earlier Web services were used for information gathering, but now it is used for direct purchase of various services or things from suppliers without middlemen. Under these circumstances this paper is a case study on the Grocery Store about its acceptance and impact of being a good platform for online marketing.

Keywords ----- registration, order, billing, products, admin, users.

I. INTRODUCTION

Grocery Store is an online grocery delivery application which runs in online mode on different web browsers like Mozilla, Google Chrome, OPERA and IE8. It basically includes two modules. First module is the Admin Module which can only be handled by the grocery store manager in which the I have included the dashboard which displays the number of the users who have registered to this store. The next menu

displays all the detailed information of the users including their name, mobile number and email. Next also the store manager can categorize the products under various headings. Also the admin can see the order details and accordingly he or she can proceed for the delivery of the selected products. The admin or the store manager can also edit his profile, change the password and also can recover the password. The next module is the user module in which there is a home page in which total products under their respective headings is listed with their respective prices with add to cart option. On the menu bar there are sign in, sign up options and also there is logout option to jump out of the user module. On the menu bar cart option is available in which the products added by the user are listed along with the total of all the products ordered by the user. Also there is option to proceed in which we accept the address of the user for the home delivery purpose.

II. LITERATURE REVIEW

- [1] This paper seeks to understand the triggers which influence the adoption (and the discontinuation) of online grocery shopping.
- [2] This survey was administered to explore consumers' perceptions of Online Grocery Shopping in Coimbatore.
- [3] This study tell us about the traditional methods of inventory and logistics management call for intense cash-burning - a business condition most of the bootstrapped Indian start-ups fail to meet.
- [4] The aim of this research is to investigate if

positive attitudes influence the intentions to purchase groceries online.

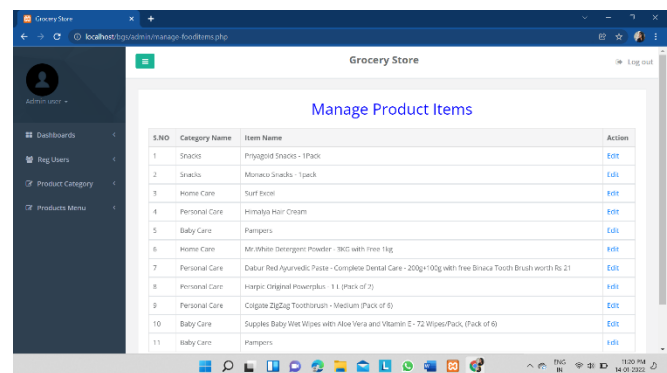
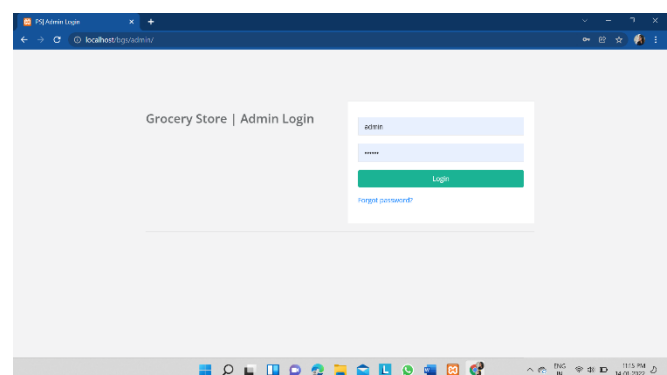
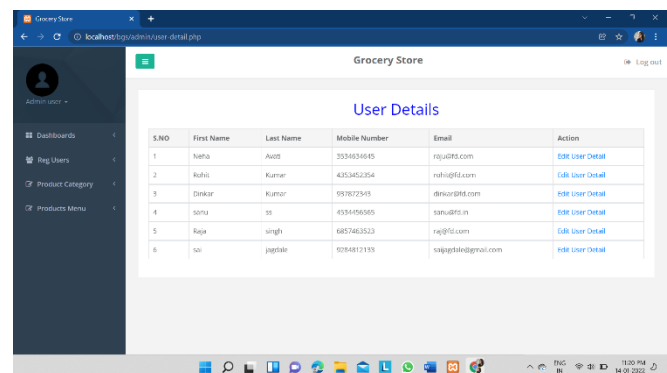
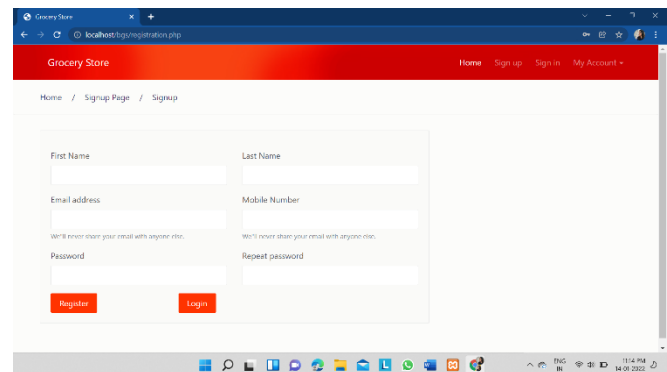
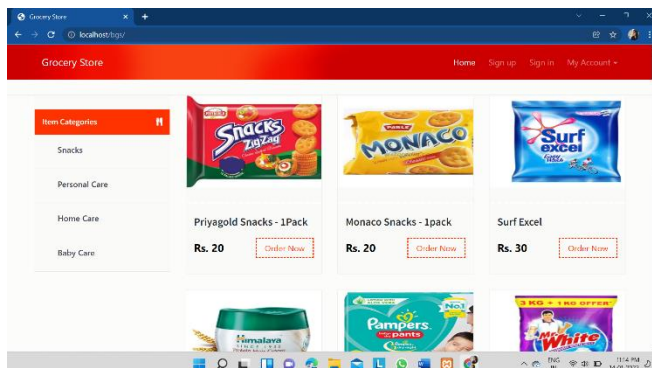
III. METHODOLOGY/EXPERIMENTAL

PHP language is being used as a tool. Visual Studio (VS) Editor being used as means of Technology for process. MySQL database is used to store all the data we enter into the website while browsing through our Grocery Store. For the frontend or we can say designing the user interface of the website HTML, AJAX, JQUERY, CSS and JAVASCRIPT are used. The website can be opened on browsers like Mozilla, Google Chrome, IE8 and OPERA. The website is ran on the XAMPP server.

Steps involved to run the Grocery Store application :

- 1] Code all the things in a folder placed at C:\xampp\htdocs\GroceryStore.
- 2] Open PHPMyAdmin
- 3] Create a database with name bgs.
- 4] Import bgs.sql file from the GroceryStore file.
- 5] Run the script <https://localhost/GroceryStore> (for frontend).
- 6] For the admin panel run the <https://localhost/GroceryStore/admin> (for admin panel).

IV. RESULTS AND DISCUSSIONS



V. LIMITATIONS

1. Only few products are being listed for now and of a specific quantity.
2. Can't receive acknowledgement from the customer.
3. Only saves the order details and then on submitting again refreshes the same page.
4. Not yet joined hands with the delivering companies.
5. Delivery only available on the addresses of major cities.

VI. FUTURE SCOPE

- 1] Using GPS technology and mathematical modeling software to track the location of the customer to deliver their products on correct location.
- 2] Adding each and every product in different quantities so it can be profitable and also handy to order less or more amount of grocery accordingly.

VII. CONCLUSION

There are many different activities occurring in retail sector. The Grocery Store application helps the user to order the grocery in online mode. This application provides such user friendly interface that allows the customers to control and handle the grocery related activities effectively and efficiently.

ACKNOWLEDGEMENT

Foremost, I strengthen my sincere feelings to our project guide Prof. Preeti A. Bailke for her continuous support to our project and this report. Also I would like to mention that she is much creative person who inspired us alot in our work.

REFERENCES

- [1] <https://www.researchgate.net/publication/38178214> Online grocery shopping The influence of situational factors
- [2] <https://www.researchgate.net/publication/324806028> A Study on Consumers acuity towards online grocery shopping
- [3] <https://iosrjournals.org/iosr-jbm/papers/Conf.15010/Volume%202/25.%2048-53.pdf>
- [4] [Microsoft Word - Consumer Attitudes Towards Online Grocery Shopping.docx \(diva-portal.org\)](#)