

MINI PROJECT MID REPORT

ON

Grocery Management System

Submitted by

Saurabh Singh(171500303)

Vishal Agrawal(171500384)

Prashant Agarwal(171500229)

Project Mentor- Mr. Akash Chaudhary Sir

Department of Computer Engineering and Applications

Institute of Engineering & Technology



GLA UNIVERSITY

MATHURA-281406,INDIA

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ABSTRACT

Online Grocery Management System is the norm these days. . Purpose of Online Grocery Shopping system is to allow customer to shop virtually using internet.Computerization of online store will increase the ease, efficiency and reduce the chances of manual errors. With the popularity of PCs, and mobiles easy access to Internet and World Wide Web (WWW), Internet is increasingly used by consumers & vendors as a channel for shopping, payment & other operations.

The system will ease the shopping operations for customer of online store. It will provide vendor or administration functionality to manage categories and products. Consumer will be able to browse and search products under different categories. Selected products or items selected for purchase would be added into the virtual shopping cart which can be managed separately by customer. It can be examined at any time by customer for selected products, their quantity & price. These would be main functionalities apart from some usual operations such as login, logout, manage profile etc.

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CHAPTER 1

INTRODUCTION

1.1 General Introduction

The main aim for developing this project where customer can purchase and order groceries online. The system is very useful for customer can easily buy the grocery products from home through internet. The system reduces lots of work load for customer as well as owner. By this system online grocery management system, the product is directly delivered to the customer. The system functionality of products and orders is stored on server side in a web service.

The main objective of proposed system, is used to provide Online Grocery Shopping solution to consumers and vendors. It will automate some of the basic operations of an online store. Scope would be to provide basic functionalities using a web application so that those manual process can be automated. It will include to provide administration access to vendors and admins and user specific access to customers.

1.2 Area of Computer Science

This project mainly covers the Area of Web Development of Computer Science. Through this project, we are trying to climb one step in this vast field of Computer Science. It is totally of web development project.

Web development-

Web development is a specialized type of computer programming focused on websites and web applications. Web development deals with building technical front-end and/or back-end code that informs site function. Web developers may work exclusively on front-end code, back-end code, or both. Employment can involve independent freelance work or working in an organization's marketing or IT department.

1.3 Hardware and Software Requirements

- **Hardware**

1. Personal computer with 1GB RAM

2. Internet Connection

- Software

1. Bracket(Text Editor)
2. XAMPP Server
3. Node.js

1.4 Technology Used

- Front-end:

HTML:used to structure the web page.

CSS:used to give styling to web page.

JAVASCRIPT:used to generate and handle the events.

- Back-end:

PHP:programming language that allows web developers to create dynamic contents that interact with databases.

Mysql:structured query language used to manage and store data in the form of tables.

CHAPTER 2

PROBLEM DEFINITION

The motivation for this project came when we faced problem like for purchasing anything related to grocery we need to travel a lot by investing lots of time and money. We are not able to properly judge which is the right product and what is the proper cost of it so this project ensures lot of things as follows

1. It saves time. Shopping online alleviates the need to walk up and down store aisles.
2. No Unwanted Luxury Purchases.
3. Find Everything We Need.

4. We Can't Personally Look at Items.
5. Accurate price.
6. Convenience of Shopping at home.
7. Wide variety / range of products are available.
8. Good discounts / lower prices.
9. Get detailed information of the product.
10. We can compare various models / brands.

CHAPTER 3

OBJECTIVES OF THE PROJECT

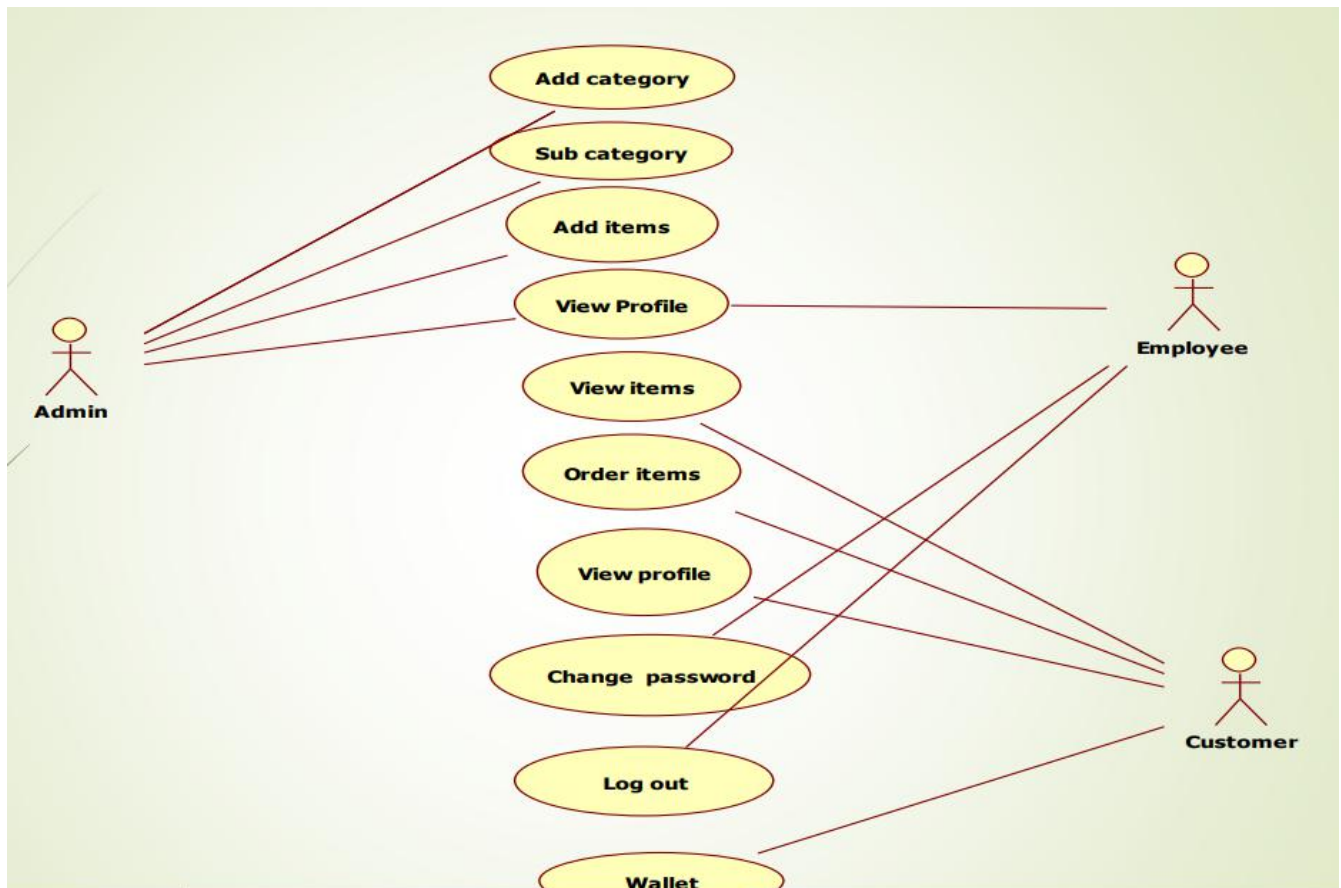
Online grocery management system increasingly attracting the customers and vendors because they have ability to attract different types of other users through interacting items, so this project will minimize the cost of purchasing the things offline. Basically the main objective of the project is to develop a website named online grocery management system where user or customer can purchase different items of grocery. The project aimed to fulfill the requirements from user side which could minimize the dependency of people on offline purchase. It also aims to reach users beyond regional boundaries. The following other objectives could be fulfilled by the project.

1. Through the online grocery management System user can purchase different items online in a more efficient and attractive way.
2. It will be more flexible for them.
3. It is easy to reach masses and more convenient for them.
4. It can save a lot of money.

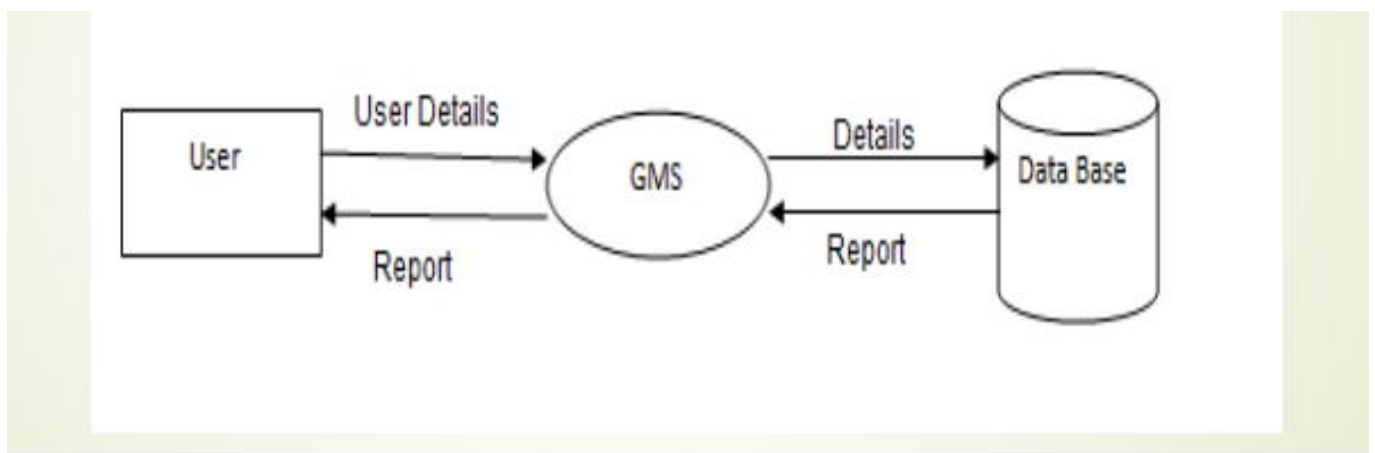
CHAPTER 4

METHODOLOGY

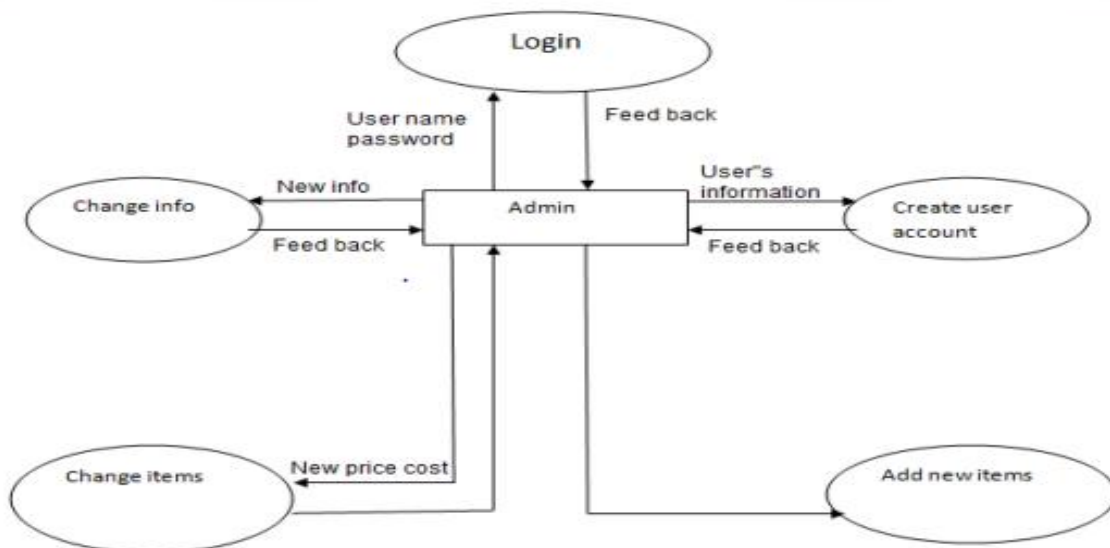
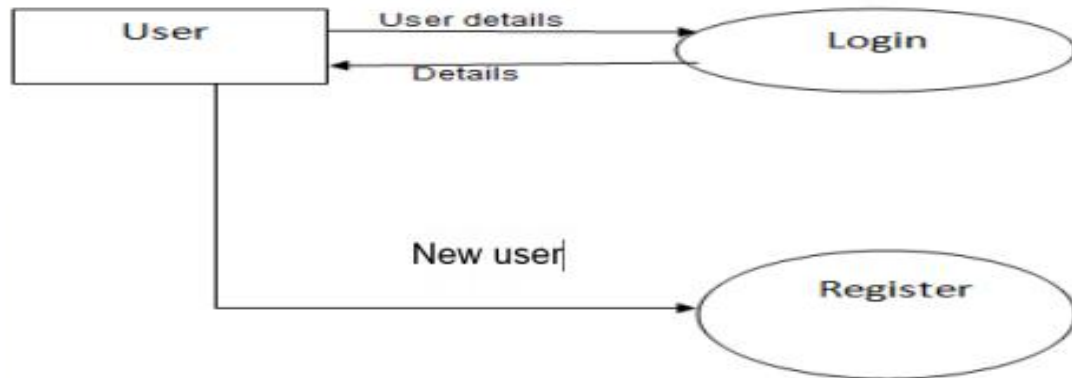
Use Case Diagram



Data Flow Diagrams



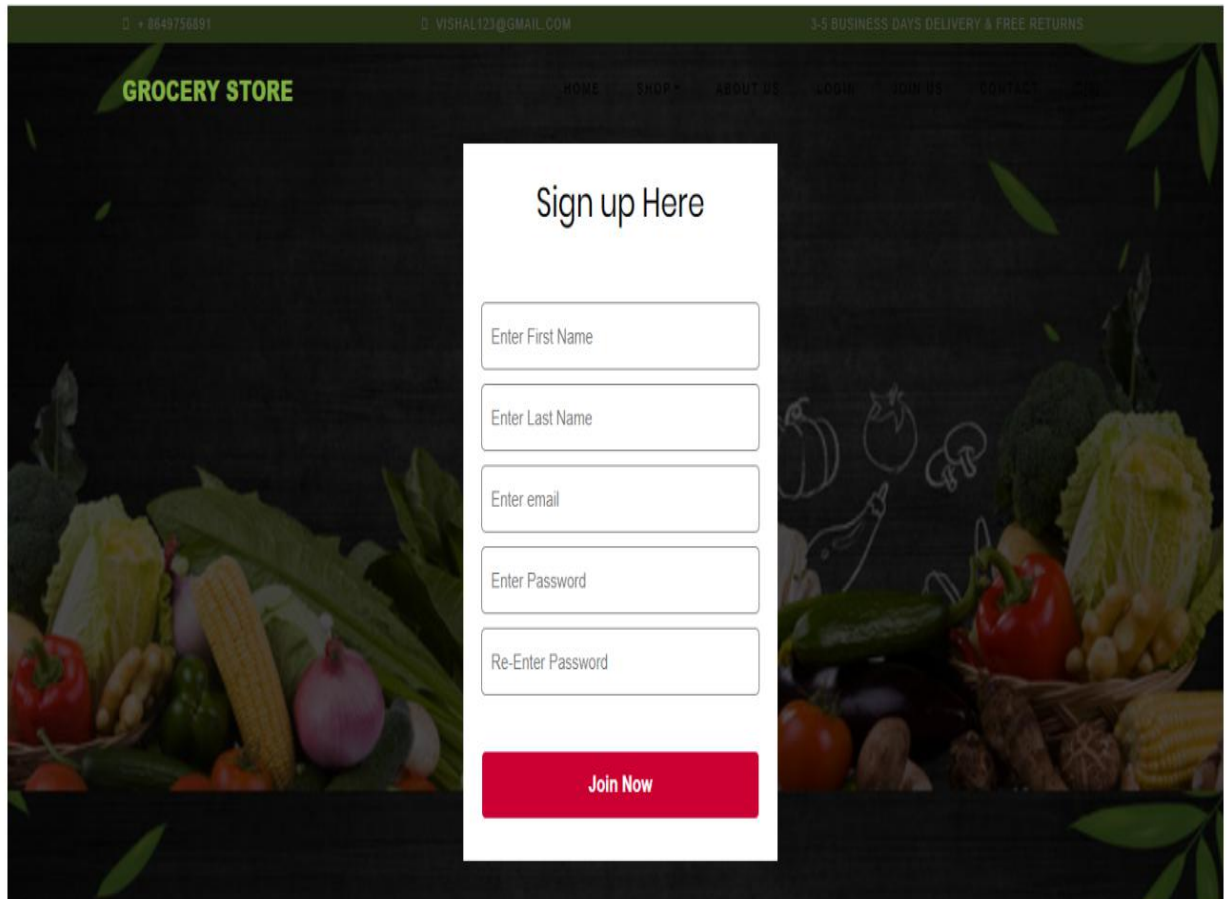
GMS is the Global Marketing Services



CHAPTER 5

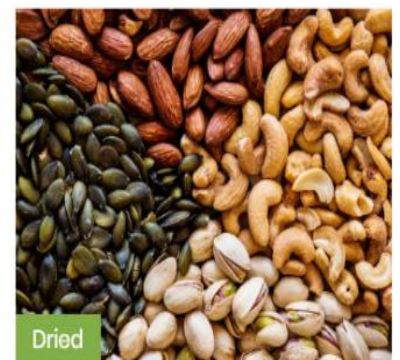
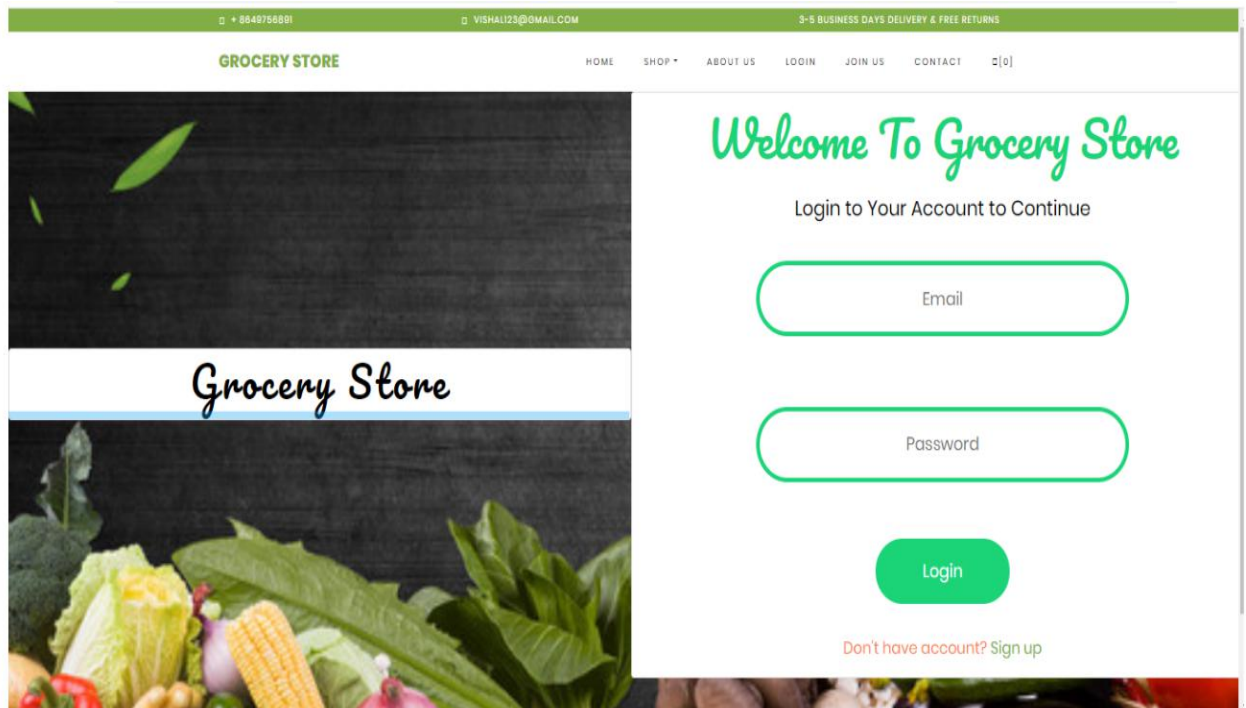
IMPLEMENTATION DETAILS

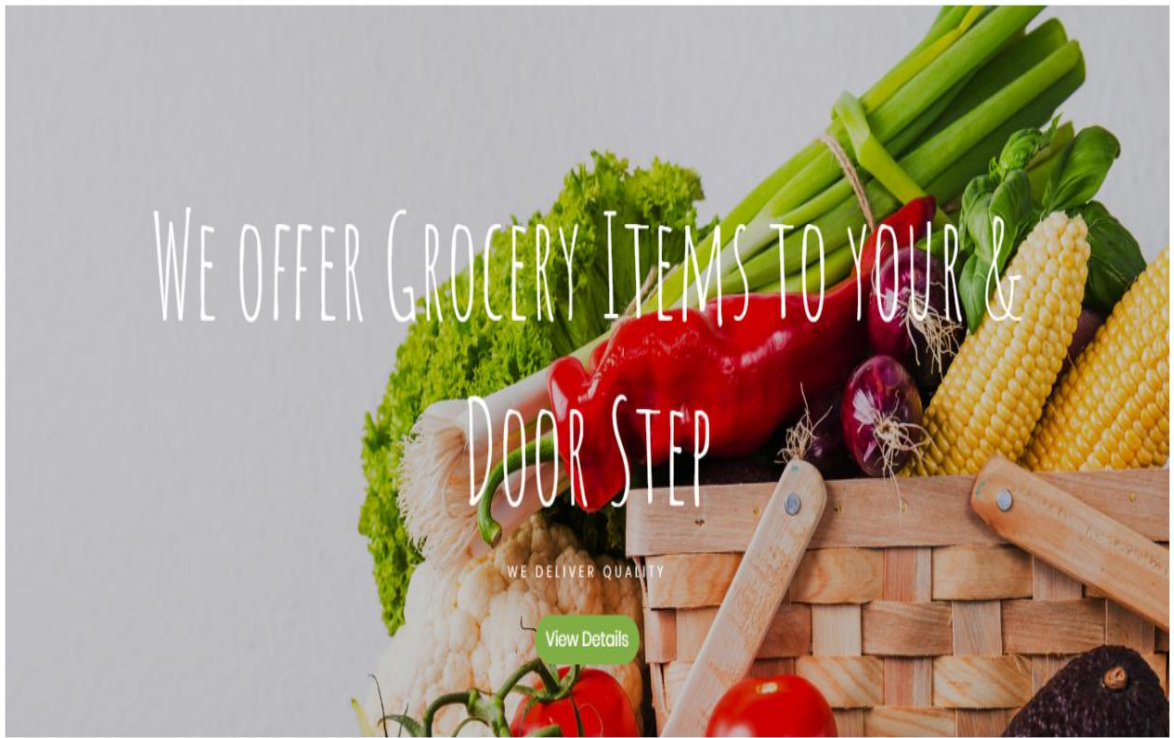
Some Glimpses from the Project:



The screenshot displays a web application for a 'GROCERY STORE'. At the top, a dark green header contains contact information: a phone number (+ 8849756891), an email address (VISHAL123@GMAIL.COM), and a delivery/policy note (3-5 BUSINESS DAYS DELIVERY & FREE RETURNS). Below the header, a navigation menu includes links for HOME, SHOP*, ABOUT US, LOGIN, JOIN US, CONTACT, and CDM. The main content area features a 'Sign up Here' form overlay. The form consists of five input fields: 'Enter First Name', 'Enter Last Name', 'Enter email', 'Enter Password', and 'Re-Enter Password'. A prominent red 'Join Now' button is located at the bottom of the form. The background of the page is a dark, textured surface adorned with vibrant images of various fresh vegetables, including corn cobs, red bell peppers, tomatoes, and leafy greens.

This is the signup page where user can sign up by entering all his/her detail in order to access the site. User can visit the site and can purchase various items related to groceries.





CHAPTER 6

CONTRIBUTION SUMMARY

There are mainly three panels in this project . All three pannels are connected and interdependent on each other.

1. Admin Panel
2. User Panel
3. Payment Panel

Administrator Panel:

In this administration of whole company is to be maintained. The complaints and suggestions dropped by customers must be checked and required steps are to be implemented. Supervision of employee and the requirement of business must checked and required steps to be taken.

This panel consist of different components like admin login, admin signup etc. Where admin can add various items and products related to grocery through the accessibilty of various features by the admin itself.Our group member **Vishal Aggrawal** is working on this panel.

User Panel:

The user must have the personal account and using his login details customer first check the products availability and orders the required products. If the server is busy then customer has to retry once again and continue his request.He can check on various products availability and choose the products required.

It consist of different components like User login ,User Signup which deals with the accessibility of various features by the user .User can buy the items and products available at the stock online after entering its detail through payment module.Our group member **Saurabh Singh** is working on this module.

Payment Panel:

We have one ways of payment options Pay now.

Customer can pay in two cases when he orders the stocks and after he receives the stock. We provide credits and debit card facility i.e on line banking system. We provide various bank payments.

Our group member **Prashant Agarwal** is working on this panel.

CHAPTER 7

PROGRESS TILL DATE

Complete: Front ended-development of the project is about to complete .Back-ended implementation of signup and login page is still in progress through which user can login and access the items related to groceries.

Remaining: Back-ended implementation of admin panel is still incomplete. Also the payment module and many more.

CHAPTER 8

REFERENCES

1. www.google.com
2. <https://www.w3schools.com/>
3. www.javatpoint.com