

**A Project Report Submitted to  
Rajiv Gandhi Proudhyogiki Vishwavidyalaya**



**Towards Partial Fulfillment for the Award of  
Bachelor of Technology  
(Computer Science and Engineering)**

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***Acropolis Institute of Technology & Research, Indore***  
**July - December 2022**

## **EXAMINER APPROVAL**

The Project entitled “**Grocery Shop Management System**” submitted by Bhumika Patidar (0827CS201060) , Amar Chouhan (0827CS213D04), Ashutosh Mandloi (0827CS213D05) and Ayush Sahu (0827CS213D06) has been examined and is hereby approved towards partial fulfillment for the award of Bachelor of Engineering degree in Computer Science & Engineering discipline, for which it has been submitted. It understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the project only for the purpose for which it has been submitted.

**(Internal Examiner)**

**Date:**

**(External Examiner)**

**Date:**

## **GUIDE RECOMMENDATION**

This is to certify that the work embodied in this project entitled “**Grocery Shop Management System**” submitted by Bhumika Patidar(0827CS201060), Amar Chouhan(0827CS213D04), Ashutosh Mandloi (0827CS213D05) and Ayush Sahu (0827CS213D06) is a satisfactory account of the bona fide work done under the supervision of Prof. Ronak Jain towards partial fulfillment for the award of the Bachelor of Engineering (Computer Science & Engineering) degree by Rajiv Gandhi Proudyogiki Vishwavidhyalaya , Bhopal.

## **STUDENTS UNDERTAKING**

This is to certify that a project entitled “Smart Accessibility Map” has developed by us under the super vision of Prof. Ronak Jain The whole responsibility of work done in this project is ours. The sole intention of this work is only for practical learning and research.

We further declare that to the best of our knowledge, this report does not contain any part of any work which has been submitted for the award of any degree either in this University or in any other University / Deemed University without proper citation and if the same work is found then we are liable for explanation to this.

**Bhumika Patidar(0827CS201060)**  
**Amar Chouhan (0827CS213D04)**  
**Ashutosh Mandloi (0827CS213D05)**  
**Ayush Sahu (0827CS21D06)**

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## **Executive Summary**

### ***Grocery Shop Management System***

This project is submitted to Rajiv Gandhi Proudhyogiki Vishwavidhyalaya, Bhopal(MP), India for partial fulfillment of Bachelor of Engineering in Information Technology branch under the sagacious guidance and vigilant supervision of Dr. Kamal Kumar Sethi.

In the project, we examines or provides a theoretical perspective on “GROCERY SHOP MANAGEMENT SYSTEM” that is used to automate all process of the Grocery Shopping and Grocery Shop Management. The purpose of Grocery Shop Management System is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same.

**Keywords:** E- Commerce, Recommendation system

*“People are always going to go shopping. A lot of our effort is just ‘how do we make the retail experience a great one?”*

**— Phillip Green,  
Chairman, Arcadia  
Group**

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# **Chapter 1. Introduction**

## **Introduction**

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The Grocery Shop Management System has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No format knowledge is needed for the user to use this system. Thus by this all it proves It is user-friendly. Grocery Shop Management System , as described above, can lead to error free, secure, reliable and fast management system

### **1.1 Overview**

Every organization, whether big or small, has challenges to overcome and managing the information of the product , customer, product type, stock, supplier. Every Grocery Shop Management System has different customer needs, therefore we design exclusive employee management system that are adapted to your managerial requirements.

This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level o information and details for your future goals. These systems will ultimately allow you to better manage resources.

### **1.2 Problem Statement and Objectives**

Grocery shopping these days has become a job. The client needs to continuously monitor groceries at home and also has the work of directing coupons, maintaining shopping lists, standing in restraint out queues, reading the fine print on food cans, and even needs to find out within which rack and row he or she may notice that object. A large amount of the grocery shoppers would thus have an interest in an additional appropriate, rapidly grocery shopping option. Presently life for everyone

has become so confused and time consuming, at such time we require a smart system at our kitchen also.

The main objective of the project in Grocery Shop Management System is to manage the details of Customer, Product, product company, product type, supplier. It manages all the information about customer , Stock, Supplier, Customer. The project is totally built at administrative end and thus only the administrator is guranted the access. The purpose is to build an application program to reduce the manual work for managing the customer, product, stock, product company. It tracks all details about the product company, product type, supplier.

### **1.3 Scope of the Project**

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Grocery Shop Management System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly. Our project aims at Business process automation, we have tried to computerize various processes of Grocery Shop Management System. In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time. In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time. To assist the staff in capturing the effort spent on their respective working areas. To utilize resources in an efficient manner by increasing their productivity through automation .The system generates types of information that can be used for various purposes.

- It satisfy the user requirement.
- Be easy to understand by the user and operator.
- Be easy to operate Have a good user interface
- Be expandable

## 1.4 Group Organization

- **Bhumika patidar**

Along with doing preliminary investigation and understanding the drawback of the current system I studied about the topic and its scope and surveyed various research papers related to object detection and the technology that is to be used. I worked on the front end along with I worked on databases by making tables in it and connecting it to projects. Also I helped in debugging the code and made the login and register pages with validation.

- **Amar chouhan**

I investigated and found the right technology and studied deep about it. I decided which frame work should be suitable for this project . I also worked on database part making and storing results in it also connecting it to the project. I also organized and debug the code of the project. Implementation logic for the project objective and coding of internal functionalities is also done by me. I worked on documentation.

- **Ashutosh Mandloi**

I made the html templates i worked on CSS of the project. I worked on documentation.

- **Ayush sahu**

I also made some of the html templates and implemented css in it.

## 1.5 Report Structure

Chapter 1: Introduction- introduces the background of the problem followed by rationale for the project undertaken. The chapter describes the objectives, scope and applications of the project Further, the chapter gives the details of team members and their contribution in development of project which is then subsequently ended with a report outline.

Chapter 2: Review of Literature- explores the work done in the area of Project undertaken

and discusses the limitations of existing system and highlights the issues and challenges of project area. The chapter finally ends up with the requirement identification for present project work based on findings drawn from reviewed literature and end user interactions.

Chapter 3: Proposed System - starts with the project proposal based on requirement identified ,followed by benefits of the project. The chapter also illustrate software engineering paradigm used along with different design representation. The chapter also includes block diagram and details of major modules of the project. Chapter also gives insights of different type of feasibility study carried out for the project undertaken. Later it gives details of the different deployment requirements for the developed project.

Chapter 4: Implementation - includes the details of different Technology/ Techniques/ Tools/Programming Languages used in developing the Project. The chapter also includes the different user interface designed in project along with their functionality. Further it discuss the experiment results along with testing of the project. The chapter ends with evaluation of project on different parameters like accuracy and efficiency.

Chapter5: Conclusion - Concludes with objective wise analysis of results .

## **Chapter2.ReviewofLiterature**

### **Review of Literature**

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#### **2.1 Preliminary Investigation**

The first step in the system development life cycle is the preliminary investigation to determine the feasibility of the system. The purpose of the preliminary Investigation is to evaluate project requests. It is not a design study nor does it include the collection of details to describe the business system in all respect. Rather, it is the collecting of information that helps committee members to evaluate the merits of the project request and make an informed judgment about the feasibility of the proposed project.

Analysts working on the preliminary investigation should accomplish the following objectives:

- Clarify and understand the project request
- Determine the size of the project
- Assess costs and benefits of alternative approaches.
- Determine the technical and operational feasibility of alterative approaches,

Report the findings to management, with recommendations outlining the acceptance or rejection of the proposal, Benefit to Organization The organization will obviously be able to gain benefits such as savings in operating cost, reduction in paperwork, better utilization of human resources and more presentable image increasing goodwill.

The initial cost of setting up the system will include the cost of hardware software (OS, add-on software, utilities) & labour (setup & maintenance). The same has to bear by the organization.



## 2.2 Current System and Its Limitations

Grocery shopping these days has become a job. The client needs to continuously monitor groceries at home and also has the work of directing coupons, maintaining shopping lists, standing in restraint out queues, reading the fine print on food cans, and even needs to find out within which rack and row he or she may notice that object. A large amount of the grocery shoppers would thus have an interest in an additional appropriate, rapidly grocery shopping option. Presently life for everyone has become so confused and time consuming, at such time we require a smart system at our kitchen also.

### Merits :-

The provision of sorting or prioritizing search results allows users to better meet their own needs by allowing users to have more control over the online grocery store.

### Demerits :-

In the case where a user chooses to browse the site (Linking) rather than employ the search facility, it is essential to provide meaningful labels and menu names to aid navigation (Freeman, 2009). Bannister (2002) suggests that strong and relevant cross selling serves as extra navigation for users who wish to browse rather than having a set list, as well as increasing product sales by 'suggesting' associated products.

## LIMITATION OF CURRENT SYSTEM

Name	Description	Merits	Demerits	Reference
<b>Online grocery management system</b>	Grocery shopping these days has become a job. The client needs to continuously monitor groceries at home and also has the work of directing coupons, maintaining shopping lists, standing in restraint out queues, reading the fine print on food cans, and even needs to find out within which rack and row	The provision of sorting or prioritizing search results allows users to better meet their own needs by allowing users to have more control over the online grocery store. .	In the case where a user chooses to browse the site (Linking) rather than employ the search facility, it is essential to provide meaningful labels and	(PDF) <a href="#"><u>ONLINE GROCERY MANAGEMENT SYSTEM (research gate.net)</u></a>

<p><b>Modern Grocery mart project</b></p>	<p>he or she may notice that object. A large amount of the grocery shoppers would thus have an interest in an additional appropriate, rapidly grocery shopping option. Presently life for everyone has become so confused and time consuming, at such time we require a smart system at our kitchen also.</p> <p>Grocery business is the only business that one can start almost anywhere since food is essential for survival of human beings and selling food items is the most profitable business of all time. Grocery shopping is the largest and most consistent share of the expenses for every household. Groceries sell irrespective of the state of the economy. The recent corona-virus outbreak has led to lockdowns world-wide and many businesses suffered due to this pandemic</p>	<p>A Project Report is not only essential for obtaining financial assistance from Bank/ Financial Institution/Funding Agency but also the most important document either to participate in the development schemes of MSME Sector/ Department of Industries or in completing various time consuming government formalities connected with planning and commercial operation of the proposed business project.</p>	<p>menu names to aid navigation (Freeman, 2009). Bannister (2002) suggests that strong and relevant cross selling serves as extra navigation for users who wish to browse rather than having a set list, as well as increasing product sales by 'suggesting' associated products.</p> <p>. Accordingly, following Project Templates has been deliberately left blank in order to facilitate customisation by the perspective entrepreneurs based on personal requirements and furnish necessary</p>	<p><a href="https://www.onlineprojectreport.com/modern-grocery-mart-project-report/p1064192/">https://www.onlineprojectreport.com/modern-grocery-mart-project-report/p1064192/</a></p>
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			information on actual basis.	
<b>Retail Business Plan On General Store</b>	The main objective of this project is to give hands on experience of creating a detailed Business plan & what are the things include while making a business Plan. It is my pleasure to present this project work. This Project has expanded my horizon of knowledge in practical as well as theoretical, which is vital for management level students. Only the basic understanding of the principles of management is not sufficient but their application is also equally important	Become an established community destination with a customer satisfaction rate of 90% by the end of the next financial year. Achieving Sales Turnover of Rs.4,00,000 Per month in next year. Hiring 5 five new employees for the Store. Repay debt from original financing by the end of the next three years.	It organized segment typically comprises of a large number of retailers, greater enforcement of taxation mechanisms and better labour law monitoring system.	<a href="https://www.academia.edu/37856787/A_project_Report_on_Retail_Business_Plan_On_General_Store">https://www.academia.edu/37856787/A_project_Report_on_Retail_Business_Plan_On_General_Store</a>
<b>CROLIST</b>	The common practice of generating a grocery list is by writing the items to be bought on a piece of paper. Although the method has been used for ages; nevertheless, a paper grocery list could be easily contaminated by liquids and dirt, difficult in reading handwriting, and may be left at home or even misplaced. The development in smartphones and mobile technology has been a solution to overcome the	The digital grocery lists are created instantly and stored in individual users' smartphones, in which they can be easily retrieved back for updating the items or as a reference during the grocery shopping process. Although the digital grocery lists align with the current human lifestyle and technological trend, they are unable to support a collaborative	The current mobile apps for creating digital grocery lists do not provide the facility to share a grocery list among household members. The lists are not able to be updated instantly by other	<a href="https://www.warse.org/IJAT_CSE/static/pdf/file/ijatcse55852019.pdf">https://www.warse.org/IJAT_CSE/static/pdf/file/ijatcse55852019.pdf</a>

	<p>limitations in paper-based grocery lists where mobile apps can support the process of creating and managing grocery lists more conveniently and flexibly</p>	<p>environment.</p>	<p>household members who generally consume grocery products in the house and wish to assist in creating a grocery list. It is the main limitation of the existing mobile apps CROLIST: A Mobile App for Collaborative Grocery List Management for creating and maintaining grocery lists in which it is unable to support household members' needs in managing a shared grocery list together using their own smartphones.</p>	
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<b>Big bazar</b>	<p>Retail means selling goods and services in small quantities directly to the customer. Retailing consists all activities involved in marketing of goods and services directly to the consumers for their personnel family and household use. The Indian retail market is the first position on the retail destination globally, has been ranked as the most attractive emerging market for investing in the retail sector by AT Kearney ninth annual global retail development index (GRDI) in 2010. With rising consumer demand and greater disposable income, the US\$400 billion Indian retail sector is clocking an annual growth rate 30 percent.</p>	<p>The organised retail sector, which currently accounts for around 7.5 per cent of the Indian retail market, is all set to witness maximum number of large format malls and branded retail stores in south India, followed by North, West and the East in the next few years. Tier II cities like Noida, Amritsar, Kochi, and Gurgaon, are emerging as the favored destination for the retail sector with their huge growth potential. Further, this sector is expected to invest around US\$ 503.2 million in retail technology service solutions in the current financial year. This could go further up to US\$1.26 billion in the next year, at the CAGR of 40 per cent.</p>	<p>Unable to meet store opening targets on time. Falling revenue per sq ft. General perception: 'Low price = Low quality' Overcrowded during offers. Long lines at billing counters which are time consuming. Limited only to value offering low price products.</p>	<p><a href="https://www.academia.edu/7815738/Sunil_big_bazar_project_report">https://www.academia.edu/7815738/Sunil_big_bazar_project_report</a></p>
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## 2.3 Conclusion

This chapter reviews the literature surveys that have been done during the research work. The related work that has been proposed by many researchers has been discussed. After surveying the existing systems, finding out the advantages and disadvantages.

## **Chapter3.ProposedSystem**

### **Proposed System**

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#### **3.1The Proposal**

The proposal is to automate its existing manual system by the help of computerized equipments and full-fledged computer software , fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

#### **3.2 Benefits of proposed system**

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Ensure data accuracy's.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required

### 3.3 Design Representations

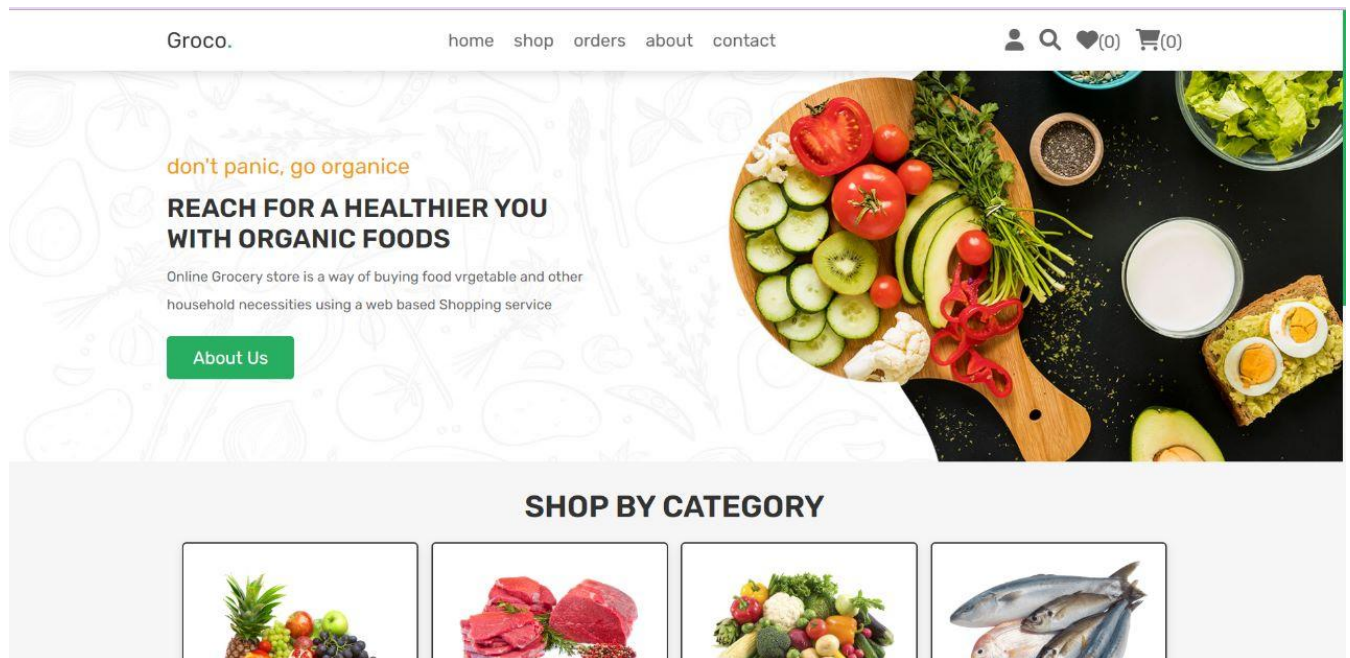


Fig 1 : Home page

The image displays a registration form titled 'REGISTER NOW'. It contains five input fields: 'enter your name', 'enter your email', 'enter your password', 'confirm your password', and a file upload section with a 'Choose File' button and the text 'No file chosen'. Below these fields is a prominent green 'Register Now' button. At the bottom of the form, there is a link that says 'already have an account? login now'.

Fig 2 : Register page

LOGIN NOW

enter your email

enter your password

Login Now

don't have an account? [register now](#)

Fig 3 : Login page


Groco.

home shop orders about contact

♥(0)

🛒(0)


SHOP BY CATEGORY



FRUITS

Lorem ipsum, dolor sit amet  
consectetur adipisicing elit.  
Exercitationem, quae rat.


Fruits



MEAT

Lorem ipsum, dolor sit amet  
consectetur adipisicing elit.  
Exercitationem, quae rat.


Meat



VEGITABLES

Lorem ipsum, dolor sit amet  
consectetur adipisicing elit.  
Exercitationem, quae rat.

Vegetables



FISH

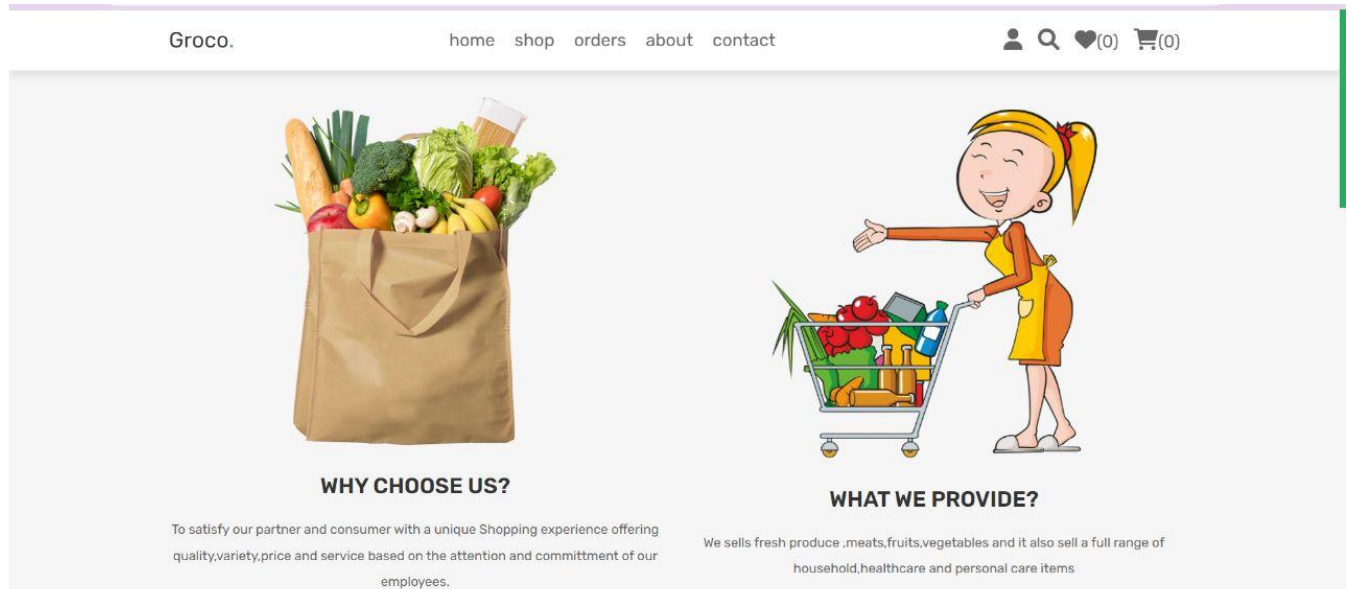
Lorem ipsum, dolor sit amet  
consectetur adipisicing elit.  
Exercitationem, quae rat.

Fish

LATEST PRODUCTS

Fig 4: Category page



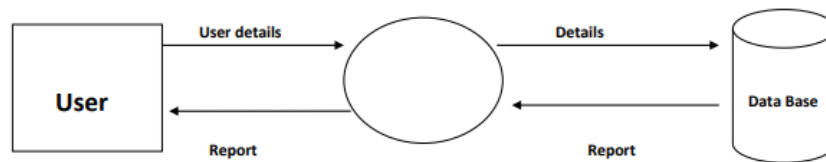


**Fig 5: About Us**

**Fig 6: Place Order**

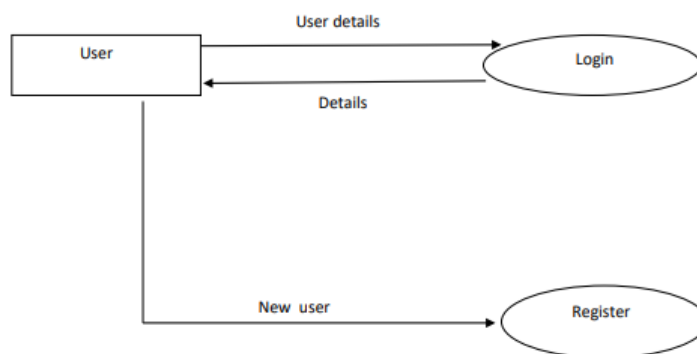
## 3.4 Diagrams

### Level 0

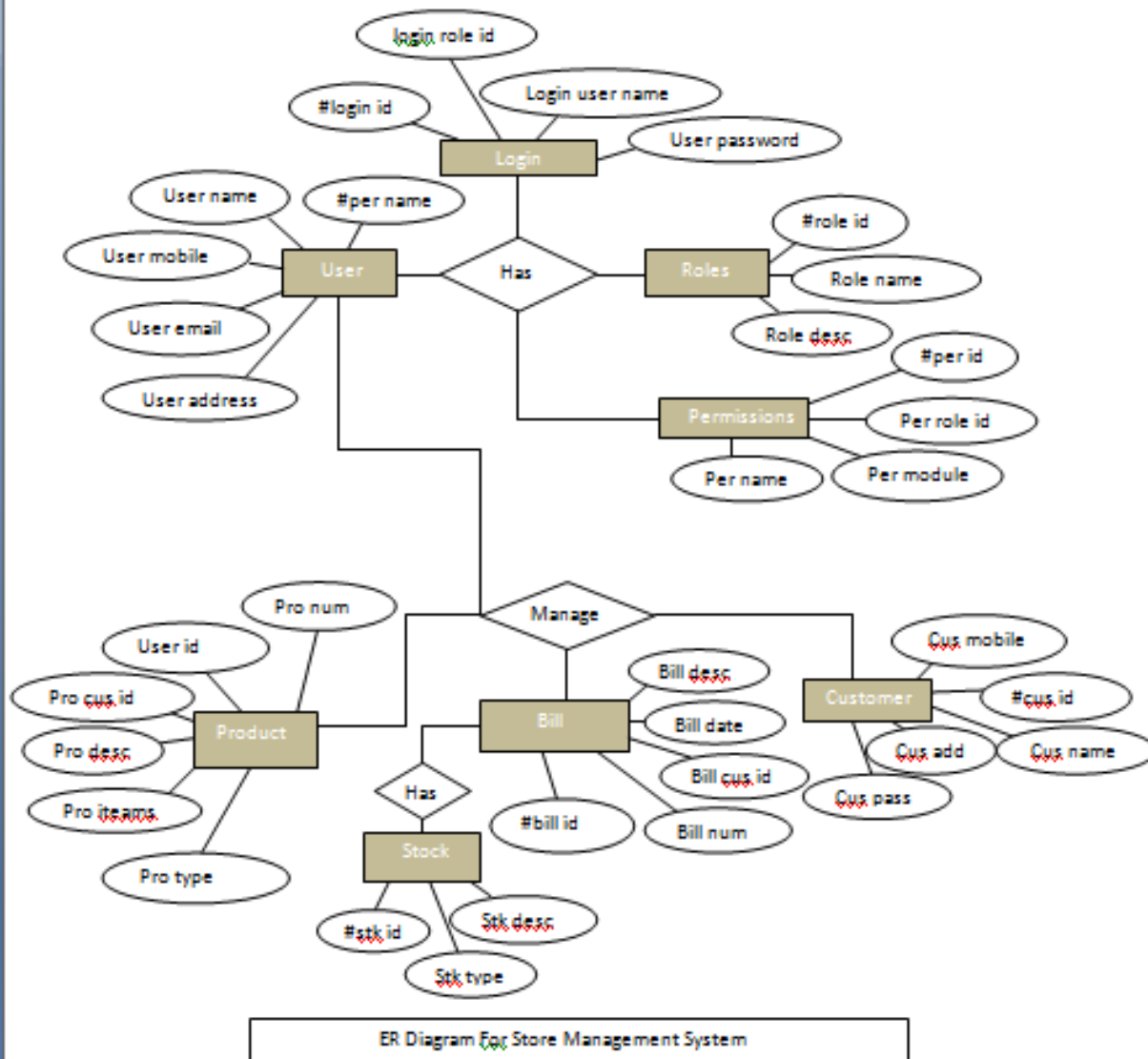


### DFD Diagram ( User Level 0)

### Level 1



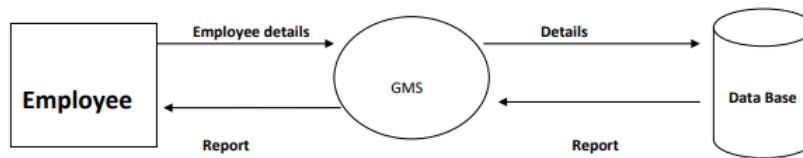
### DFD Diagram (User Level 1)



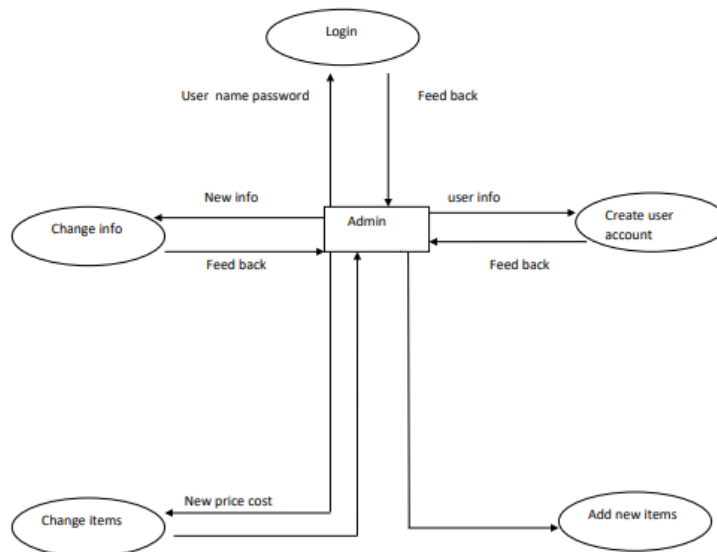
ER Diagram

## Employee

### Level 0



### DFD Diagram ( Employee Level 0)



### DFD Diagram ( User Level 2)

## 3.5 Deployment Requirements

There are various requirements ( hardware , software and services) to successfully deploy the system. These are mentioned below:

### 3.5.1 Hardware

- Processor: Minimum 1 GHz; Recommended 2GHz or more.
- Ethernet connection (LAN) OR a wireless adapter (Wi-Fi).
- Hard Drive: Minimum 32 GB ; Recommended 64GB or more.
- Memory (RAM): Minimum 1GB; Recommended 4GB or above.
- Backup Drive- Have backup drive for your computer .
- Ensure that you don't lose the investment you've made in your computer.

### 3.5.2 Software

- Front end: HTML, CSS, JavaScript
- HTML: HTML is used to create and save web document. E.g. Notepad/Notepad++
- CSS : (Cascading Style Sheets) Create attractive Layout
- JavaScript: it is a programming language, commonly use with web browsers.
- Back end: PHP, MySQL
- PHP(version - 7.2): Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software.
- MySQL: MySQL is a database, widely used for accessing querying, updating, and managing data in databases.

# Chapter 4. Implementation

## Implementation

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### 4.1 Technology Used

- **HTML** -It stands for 'HYPERTEXT MARKUP LANGUAGE'. HTML is a standardized system for tagging text files that creates the structure for just about every page that we find and use on the web. It's HTML that adds in page breaks, paragraphs, bold lettering, italics, and more. HTML works to build this structure by using tags that tell browsers what to do with text.
- **CSS** – It stands for 'CASCADING STYLE SHEET'. CSS is used for defining the styles for web pages. It describes the look and formatting of a document which is written in a markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It is easier to make the web pages presentable using CSS. It is easy to learn and understand and used to control the presentation of an HTML document. CSS helps us to control the text color, font style, the spacing between paragraphs, sizing of columns, layout designs, and many more. It is independent of HTML, and we can use it with any XML-based markup language.

It is recommended to use CSS because the HTML attributes are being deprecated. So, for making HTML pages compatible with future browsers, it is good to start using CSS in HTML pages.

- **Javascript**-JavaScript is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive. Where HTML and CSS are languages that give structure and style to web pages, JavaScript gives web page interactive elements that engage a user.

## BACK-END-

- PHP-



It stands for Hypertext Pre-processor (PHP) .PHP is a common open-source scripting language popular for web applications. Although it originally stood for “personal home page,” PHP is now a recursive acronym for “hypertext pre-processor” — but chances are you’ ll never hear that name again.

In its simplest form, PHP is a server-side scripting language that is embedded in HTML. PHP allows web developers to create dynamic content and to interact with databases. PHP is known for its simplicity, speed, and flexibility — features which have made it a corner stone in the web development world.

- My SQL -



My SQL is a relational database management system based on **SQL** – **Structured Query Language**. The application is used for a wide range of purposes, including data ware housing, e-commerce, and logging applications. The most common use for My SQL however, is for the purpose of a web database. It can be used to store

anything from a single record of information to an entire inventory of available products for an online store.

Model View Controller or MVC as it is popularly called, is a software design pattern for developing web applications. A Model View Controller pattern is made up of the following three parts: Model - The lowest level of the pattern which is responsible for maintaining data.

View - This is responsible for displaying all or a portion of the data to the user. Controller - Software Code that controls the interactions between the Model and View.

MVC is popular as it isolates the application logic from the user interface layer and supports separation of concerns. Here the Controller receives all requests for the application and then works with the Model to prepare any data needed by the View. The View then uses the data prepared by the Controller to generate a final presentable response. The MVC abstraction can be graphically represented as follows. MVC (Model View Controller Flow) Diagram.

## **4.2 Testing**

Testing is the process of evaluation of a system to detect differences between given input and expected output and also to assess the feature of the system. Testing assesses the quality of the product. It is a process that is done during the development process.

### **4.2.1 Strategy Used**

Tests can be conducted based on two approaches –

- Functionality testing
- Implementation testing

The testing method used here is Black Box Testing. It is carried out to test functionality of



the program. It is also called 'Behavioral' testing. The tester in this case, has a set of input values and respective desired results. On providing input, if the output matches with the desired results, the program is tested 'ok', and problematic otherwise.

### Login :-

<b>Purpose:</b>	The purpose of this test insure that the user can log in with his id to use this app.
<b>Pre-Req:</b>	The user enters his correct name and password for a successful login page.
<b>Test Data:</b>	sname, sid, spassword
<b>Steps:</b>	<p>The steps are below.</p> <ol style="list-style-type: none"><li>1. visit Login Page</li><li>2. enter Userld</li><li>3. enter password</li><li>4. click login</li><li>5. recovery password</li><li>6. change password</li><li>7. keep login</li></ol>
<b>Status:</b>	Pass

### Employee record:-

<b>Purpose:</b>	The purpose of this test for registered employ by his name, password, email, and mobile number for use this app and work on the app.
<b>Pre-Req:</b>	Employ sure that login with his name and id to use this app.
<b>Test Data:</b>	none (test is just visual test)
<b>Steps:</b>	<p>Step formatting rules below.</p> <ol style="list-style-type: none"><li>1. enter employ name</li><li>2. enter employ password</li><li>3. enter employ email</li><li>4. enter employ a mobile number</li></ol>
<b>Status:</b>	Pass

### Category record:-

<b>Purpose:</b>	The purpose of this testing to insert, update, delete and view category.
<b>Pre-Req:</b>	The user enter category by its correct name.
<b>Test Data:</b>	Txtcatogaryname
<b>Steps:</b>	<p>Step formatting rules below.</p> <ol style="list-style-type: none"><li>1. open the category form</li><li>2. insert the category name of items</li><li>3. update the category name of items</li><li>4. delete the category name of items</li><li>5. insert the category name of items</li><li>6. view the category names</li><li>7. Export the category records to MS Excel.</li></ol>
<b>Status:</b>	Pass

### Customer record :-

<b>Purpose:</b>	The purpose of this testing to registered the new customer by his name, address, id number and phone number for sales items.
<b>Pre-Req:</b>	The user can easily search customer by name with all data.
<b>Test Data:</b>	Scustmrname, scsutmraddress, scustmrmbnumber, scustmremail
<b>Steps:</b>	<p>Step formatting rules below.</p> <ol style="list-style-type: none"><li>1. automatically generate customer-id</li><li>2. enter the customer name</li><li>3. enter customer address</li><li>4. enter customer id number</li><li>5. enter customer city</li><li>6. enter customer mobile number</li><li>7. enter customer email</li></ol>
<b>Status:</b>	Pass

# Chapter5Conclusion

## Conclusion

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### **Conclusion of the Project Grocery Shop Management System:**

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

At the end it is concluded that we have made effort on following points...

- A description of the background and context of the project and its relation to work already done in the area.
- Made statement of the aims and objectives of the project.
- The description of Purpose, Scope, and applicability.
- We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, which

Describes operations that can be performed on the system.

- We included features and operations in detail, including screen layouts.
- We designed user interface and security issues related to system.
- Finally the system is implemented and tested according to test cases.

## **5.1. Limitation of Project on Grocery Shop Management System**

Although I have put my best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by me. Though the software presents a broad range of options to its users some intricate options could not be covered into it; partly because of logistic and partly due to lack of sophistication. Paucity of time was also major constraint, thus it was not possible to make the software foolproof and dynamic. Lack of time also compelled me to ignore some part such as storing result of the candidate etc.

Considerable efforts have made the software easy to operate even for the people not related to the field of computers but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his convenience in working with the software.

## **5.2 Suggestion and Recommendations for Future Work**

- The web site interface would be more variant.
- Should be more informative.

## **5.3 Suggestion and Recommendations for Future Work**

- 5.3.1 The website interface would be more variant.
- 5.3.2 Should be more informative.

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