

## MINI PROJECT-II

2019-2020

### **Grocery Management System**

### SYNOPSIS



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## About the project

Online Grocery Shopping 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.

## OBJECTIVE

Objective of proposed system, is 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. 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.

## 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.

Modules used:

- Customer module
- Admin module
- Payment module

## Requirements

### **Hardware Requirement:**

- Processor – Dual Core
- Hard Disk – 50 GB
- Memory – 2GB RAM

### **Software Requirement :**

- Xampp
- Bracket

## Future Scope

- There will be lot of scope to improve this project, since currently basic functionality would be provided.
- Some of the modules to improve are admin part such as personalized recommendations, discount & offer management. For customers, notification & messaging etc can be improved. These can be developed to make it more effective.