**Introduction (Synopsis)**

**1.1 Introduction of the System**

**1.1.1 Project title: Sell Gros**

**1.1.2 Category: Web Application**

**1.1.3 Overview:** This project is entitled **Simple Online Groceries Ordering System.** This is a web-based application that provides an online platform for the Grocery Store/Shop's customers or possible customers to order their desired product. The main purpose of this simple project is to let the customers buy their groceries without going to the shop or store. The system will list all products with available stocks and fixed price and customer can save their desired product to their shopping cart and checkout when they are done. The system is easy to use and has a simple user-interface.

**1.2. Background**

* + 1. **Introduction of the Company**

**NOT APPLICABLE**

* + 1. **Brief note on Existing System**
* The present scenario for shopping is to visit the shops and market manually and then from the available product list one needs to choose the item he or she wants and then pay for the same item mainly in cash mode.
* This system is not much user-friendly as one needs to go to the market physically and then select items only from the available list. So mostly it is difficult to get the product as per our desire.
* Till now we have these type of systems without having the fixed price for the items in different regions.Our system will ;provide the fixed price for the items in every regions.

**1.3. Objective of the System**

The main objective of the Online **Groceries Ordering** is to manage the details of Shopping, Payment, Bills, Customer. It manages all the information about Shopping, Products, Distributor, Customer, Shopping.

**1.4. Scope of the System.**

* people can shop from home whenever they want. No worrying about store closing, holidays etc.
* Online shopping offers great safety in shopping from home, especially in times like the present – when the global pandemic is threatening the health of all those who mingle in public.
* We can also add some extra features like ordering food, electronic gadgets in one website.

**1.5. Structure of the System**

* + 1. **General module**
       1. **Login**

The Login Module is a portal module that allows users/dealers/admin to type a user name and password to log in.

* + - 1. **View products**

The View Products module is a catalogue of the products and services you are offering.

* + - 1. **Registration**

**Customers**

This module allows customers to register, log in, and log out.

**Dealers**

This module allows customers to register, log in, and log out.

**1.5.2 Admin module**

* **Product management**

This module is used to add/remove the product and fix the item price.

* **Dealer authorization**

This module manages the authorized user.

* **Dealer allotment**

This module is used to allot the dealer for suppling the required items to customers.

* **Region management**

This module is used to add/remove the region.

* **Feedback and report**

This module is used to manage the user’s feedback and report.

* + 1. **Dealers’ module**
* **Bill generation**

This module generates the invoice/bill for the items in cart.

* **View order**

This module view and manage all customer orders in one place.

* + 1. **Customers module**
* **Order placement**

This module allows the customers to order required items

* **Feedback and report**

Feedback module allows to get a pulse on how customers feel about brand and products.

* 1. **System Architecture**

**Graphical User Interface**

**(GUI)** **Front-end**  **Database**

PHP

&

Xamp server

MySQL

Online store interface

* The system architecture consists of three major parts namely Graphical User Interface (GUI), front end and back end. The architecture displays the basic process flow. GUI is the interface visible to the user/dealer. A GUI allows the use of icons or other visual indicators to interact with electronic devices. It will display the different categories of grocery items, sign in, register etc.
* PHP &Wamp server are used as front-end technologies. When user clicks on the particular product, the query goes to the front-end part. After that front end fetches the required data from the database i.e. Back end. The results are returned to front end and from there, to GUI for displaying as shown in fig.
* There is a database in the back end. It contains all the information regarding customers, products and dealers. Here, MySQL is used for this purpose. When user fires a particular query, the query is given to database and the corresponding result is segregated from large volume of information. Database is also used for retrieving the history of past orders.
  1. **End User**
* All type of people with some knowledge of using smartphones.
  1. **Software/Hardware need for the development.**
* **OS:** Windows 7 or higher. *Recommended:* Windows 10.
* **CPU:** Intel or AMD processor with 64-bit support; Recommended*:* 2.8 GHz or faster processor.
* **Disk Storage:** 4 GB of free disk space or higher.
* XAMPP Server
* MySQL 2009
* Vs code software
  1. **Software/Hardware need for the implementation.**
* Web browser
* Internet
* Smart phone or computer.