**Introduction (Synopsis)**

**i. Introduction of the System**

**a) Project title: Sell Gros**

**b) Category: E-Commerce**

**c) 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.

**ii. Background**

**iii. 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.

**iv. 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 gadget’s in one website.

**v. Structure of the System**

* **General module**

1. Login
2. View products
3. Registration

Customers

Dealers

* + - * **Admin module**

1. Product management
2. Dealer authorization
3. Dealer allotment
4. Region management

* **Dealers module**
  1. Bill generation
  2. View order
* **Customers module**
  1. Order placement
  2. Feedback and report

1. **System Architecture**

**Graphical User Interface**

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

MySQL

Online store interface

PHP

&

Xamp server

* 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 use 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.