1. **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 a web-based application that provides an online platform for the Grocery Store or possible customers to order their basic needed product. The main purpose of this simple project is to let the customers buy their groceries without going to the shop or store with fixed price in every region. 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.

**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.
* Existing 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 types 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 region.

**1.3. Objective of the System**

* Objective of the system is something that you [plan](https://dictionary.cambridge.org/dictionary/english/plan) to do or [achieve](https://dictionary.cambridge.org/dictionary/english/achieve).
* The main objective of the sell gross is to manage the customers grocery orders and assign dealer to particular orders. It manages all the information about Shopping, products, region, dealer.

**1.4. Scope of the System**

* Scope is the limitation that a process faces from the beginning to the end.
* 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. **Login**

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

* + 1. **Registration module**
       1. **Customer registration**

This module is used to registercustomer by entering their necessary details.

* + - 1. **Dealer registration**

This module is used to registerdealer by entering their necessary details.

* + 1. **Admin module**
       1. **Product management**

This module is used to manage the products and their Information.

* + - 1. **Dealer authorization**

This module manages the authorized dealer.

**1.5.3.3 Dealer allotment**

This module is used to allot the dealer for the customer’s order.

**1.5.3.4 Region management**

This module is used to manage the region.

**1.5.3.5 View Feedback**

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

* + 1. **Dealers’ module**
       1. **Active orders**

This module shows the active orders.

* + - 1. **Previous orders**

This module shows the previous orders.

* + - 1. **Bill generation**

This module generates the invoice/bill for active orders.

* + 1. **Customers module**

**1.5.4.1 Cart**

This module shows the products which is to be ordered.

**1.5.4.1.1 Modify cart**

This module is used add or remove quantity of the products in a cart.

**1.5.4.1.2 Place order**

This module allows the customers to order required items.

**1.5.4.2 Previous order**

This module shows previous order which is placed by the customer

**1.5.4.2.1 View bill**

Customer can view the bill based on orders.

**1.5.4.2.2** **Feedback and report**

Feedback module allows to get a review on how customers feel about dealer and products.

**1.5.4.3 Active order**

This module shows the order which is pending.

* 1. **System Architecture**

Front End

Collect Data

**Users**

Display Data

**User Interface**

**HTML / CSS / JavaScript**

**Application Logic**

**PHP**

Request

**Database**

**MySQL**

Response

Back End

**Operating System**

**Processing Hardware**

* 1. **End User**
* All type of people with some knowledge of using computer.
  1. **Software/Hardware needs for the development.**
     1. **Hardware needs for the develop this product**
  + **CPU:** Intel or AMD processor with 64-bit support.
  + **RAM**: 4 GB or higher.
  + **Disk Storage:** 4 GB of free disk space or higher.
  + Keyboard, Mouse, Laptop or Computer
    1. **Software needs for the develop this product**
* **OS:** Windows 7 or higher.
* **Front End**: HTML/CSS
* **Back End**: PHP 5.0, phpMyAdmin.
* **Code Editor**: VS code
* **Web Server**: Apache Tomcat
* **Other Tools**: XAMPP.
  1. **Software and Hardware needs for the implementation.**
     1. **Hardware needs for implementing this product**
* **CPU:** Intel or AMD processor with 64-bit support.
* **RAM**: 4 GB or higher.
* **Disk Storage:** 4 GB of free disk space or higher.
* Keyboard, Mouse, Laptop or Computer
  + 1. **Software needs for implementing this product**
* Web browser
* Internet