

Proof of Concept

Online Grocery Store

▪ System Purpose and Scope

- Convenient online shopping, secure and reliable payment processing efficient, inventory management for store administrators
- What types of data will the system manage?
Customer/ Seller account information (registration details, transaction details and shipping addresses), Product catalogue (product names, categories, descriptions, prices, images)
- Who are the main users of the system?
Customers, Retailers, Administrator

▪ Functional Requirements

1. Data Management:

- Collect, Read, Retrieve, and Store the customer and product data Securely and Efficiently.
- Enable data search and filtering based on various criteria
- Facilitate the data Entry and updates by authorization.
- Implement robust data backup and disaster recovery procedures.

2. Shopping Support:

- Provide Product Management and Order Functionalities
- Facilitate Communication and Collaboration Among Staff
- Allow for Remote Assistance and Services

3. Administrative Functions:

- Manage Customer Billing and Payment Processing

- Facilitate Order Scheduling and Delivery Management
- Generate Reports for Sales, Inventory and Performance Analysis.

▪ **Non-Functional Requirements**

1. Performance:

- Faster Response and data access
- High Speed and Efficient to maintain the patient data

2. Cost:

- Development and Implementation cost only.
- Maintenance and data storage costs.

3. Usability:

- User-friendly interface with documentation of the
- application with sample demo.
- Application is accessible to all the actors based on
- their requirements or the content needed for that role.