

Group-25

Online Grocery App

Functional requirements

For customers :

- 1) Users can register and/or login on the platform using their email ID or mobile number.
- 2) System should provide features for searching available products.
- 3) System should provide a feature to Schedule delivery which will allow the customer to change the delivery time according to their availability.
- 4) Customers can track their order.
- 5) System should provide different payment options.
- 6) Filtering the products.
- 7) Sorting the products.
- 8) Customers can see the availability of the products.
- 9) Customers can maintain a profile to
 - (a) Save their cards and order faster.
 - (b) Save frequently used shipping addresses .
 - (c) Order History.
 - (d) Save frequently ordered items.
- 10) Customers can remove/delete their orders from the cart.
- 11) Delivery notification (i.e. Order on the way, Order cancelled, Order Delivered).
- 12) Verification email is sent to the user whenever he/she registers for the first time on some software system.
- 13) Return/replacement of items which are not healthy(not fresh or rotten).
- 14) Rate items and merchants.

For the grocer/merchant :

- 1) The Merchant can add/remove the items they have with quantity, price and any relevant information.

- 2) Update and check real time stock of products.
- 3) Accept or reject orders by the customers.
- 4) Rate customers (visible to other merchants only).
- 5) Add bank account details for receiving payment.
- 6) A method to confirm and update order shipping/transport, order delivery and payment.
- 7) Access to daily sales and analytics.
- 8) The Merchant can enable/disable shopping.

Non-Functional Requirements

- 1) Easy UI/UX.
- 2) Lower build and maintenance cost.
- 3) Privacy Protection.
- 4) Notification should be sent with a latency of no greater than 5 minutes.
- 5) Data recovery should be possible in case of application crash.

Domain Requirements

- 1) Functionality to manage tracking of orders and payment information
- 2) System must deliver the grocery item in an optimum amount of time that prevents rotting according to the item i.e, fresh fruits, dairy products etc.
- 3) The system has to take into account the delivery characteristics in different weather conditions.
- 4) Backend server must be operational all the time.