

Name: Ahmed Faisal & Ayed Sultan

- 1- The system shall store customer login information inside the database and to verify credentials.
- 2- The system should be able to allow users create new accounts with their personal information and store the information in the database
- 3- The system shall allow customers to login using the saved login credentials without errors
- 4- The system shall have filters for searching for products by category or price, and a search bar for the name of the item and retrieve available products.
- 5- The system shall allow customers to store their products so they can place their orders or make any modifications on it
- 6- The system shall calculate prices of the items and accept all payment methods and upon order confirmation the system shall generate a PDF receipt, the system will access the payment gateway.
- 7- The system should be connected to a GPS system, and should be able to track orders and should be able to send automated messages about order status and delivery update.
- 8- The system should allow admins to access the system with their credentials, the should have the privilege to view orders, also add, update, and remove products in the database

9- The system should be able to allow admins to manage orders and their information and product availability should be viewable for everyone and only the admin can change it. also, system should have an option for the user to opt in to promotions.

#### Non-functional requirements:

- 1- Capacity: The system should be able to handle large number of customers at the same time without crashing.
- 2- Security: The system shall have the user information encrypted, and have majors to prevent unauthorized access and they should access with their username and password
- 3- Availability: the system should be available 24/7 with minimal maintenance time
- 4- Usability: the products prices and name and category should be clear, purchase should be an easy and straightforward procedure.