

Functional requirement

- 1- System shall allow the users to enter their personal information, then store them in the database.
- 2- System shall allow the users to access the website using their username and password
- 3- The system shall store products information in the database.
- 4- The system shall have a filtering system to allow user to search for products either by name, price or category.
- 5- The system shall allow the users to select a product that exists in the database and store it temporarily in the cart until the user places the order.
- 6- The system shall have access to a payment gateway to retrieve money from the user.
- 7- The system shall have automatic notification system that inform the user about their order status.
- 8- The system shall allow the administrators to access the system with username and password to modify products information in the database
- 9- The system shall allow the administrators to inform the user about the products updates.

Non-functional

- 1- Capacity : The system should be able to handle at least ten thousand users at the same time.
- 2- Reliability: The system should recovery from a crash within a minute.
- 3- Security: The system should keep the users information safe through encryption and secure at any condition in the database.