

Functional

- 1-The system must be able to record and save the login credentials of users into the server
- 2-the system must be able to search and retrieve products by name category or price using a search engine
- 3-the system must be able to calculate the availability of products using the numbers stored in the server
- 4-the system must generate a report on each order placed
- 5-the system must identify if the user is a customer or an administrator and give them privileges accordingly
- 6- The system should not be able to add a product to a cart if the product is out of stock

Non functional

Security:

1-The system must encrypt the users log in credentials

Reliability:

1-the system should be able to handle multiple users simultaneously

Usability

1-The system should have a search bar at the top to make searching for specific products easier

Performance

1-The system must send a notification about order status within 5 seconds