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## **Functional Requirements**

The system shall allow users to create an account with username and password and store the personal information and credential in the database.

the system shall allow users to access their account via user name and password that is stored in the database.

the system shall store products by name, category and price in the database and allow the user to search for them and retrieve the available products.

the system should allow users to place orders and store them in the shopping cart and store them in temporary memory.

the system should have access to a payment gateway and take the money from it and generate a bill for conformation and store it in the database.

The system should allow users to keep track of their orders and send updates about their order status via notification.

The system shall allow the administrators to insert, delete and update items that are stored in the database.

The system shall allow the administrators to change orders and update product availability.

## **Non-Functional Requirements**

**Security:** The system should be secure by encrypting the access information of the users and building firewalls.

**Performance:** The system should be fast and allow the users to log in and place orders in less than 3 seconds.

**Usability:** The system should be easy to use without needing instructions and be user friendly.