# Feature Requirements Document

## User Signup (G1)

* A new user should be able to create an account by providing a username, password, and email address.
* The system must check that the password is strong enough (minimum length of 8 characters).
* The system must check that the email address is valid.
* If everything is correct, the account is created successfully.

## User Login (G2)

* An existing user should be able to log in with their username and password.
* If the credentials match, the user is granted access.
* If not, the system displays an error message like 'Invalid username or password.'

## Password Reset (G3)

* If a user forgets their password, they should be able to request a password reset by entering their registered email address.
* The system will verify the email and send a password reset link.
* If the email is not registered, an error message is shown.

## Add to Shopping Cart (G4)

* A user browsing products should be able to add items to their shopping cart by selecting a product and quantity.
* If the product exists, it is added to the cart.
* If the product is not available, the system shows 'Product not found.'

## Checkout (G5)

* A user should be able to proceed to checkout after adding items to their shopping cart.
* The system calculates the total cost.
* If the cart is empty, the user is notified with 'Cart is empty.'
* If not, the system confirms the order and provides a receipt.