# Functional Test Cases for User Accounts & Product Catalogue

## 1. User Accounts

### Test Case 1: User Registration with Valid Credentials

\*\*Objective:\*\* Verify that users can successfully register with valid credentials.

\*\*Test Steps:\*\*

- Navigate to the registration page.

- Enter valid email, password, and other required details.

- Click on the 'Register' button.

- Verify that the user receives a confirmation email.

- Confirm registration via the email link.

\*\*Expected Result:\*\* User is successfully registered and can log in.

### Test Case 2: User Registration with Invalid Credentials

\*\*Objective:\*\* Verify that invalid inputs (e.g., weak passwords, invalid email) are handled correctly.

\*\*Test Steps:\*\*

- Enter an invalid email format or weak password.

- Attempt to register.

- Verify that appropriate error messages are displayed.

\*\*Expected Result:\*\* Registration is denied with clear error messages.

### Test Case 3: User Login with Valid Credentials

\*\*Objective:\*\* Verify that registered users can log in successfully.

\*\*Test Steps:\*\*

- Navigate to the login page.

- Enter a valid email and password.

- Click 'Login'.

\*\*Expected Result:\*\* User is redirected to the dashboard.

### Test Case 4: User Login with Incorrect Credentials

\*\*Objective:\*\* Ensure incorrect credentials prevent login.

\*\*Test Steps:\*\*

- Enter an incorrect email or password.

- Attempt to log in.

\*\*Expected Result:\*\* Login fails with an appropriate error message.

### Test Case 5: Profile Update

\*\*Objective:\*\* Verify that users can update their profile details.

\*\*Test Steps:\*\*

- Log in and navigate to the profile settings.

- Update personal information (e.g., name, address, payment details).

- Save changes.

\*\*Expected Result:\*\* Profile updates successfully with confirmation.

## 2. Product Catalogue

### Test Case 6: Browse Products by Category

\*\*Objective:\*\* Ensure users can browse products by selecting a category.

\*\*Test Steps:\*\*

- Navigate to the product catalogue.

- Select a category.

\*\*Expected Result:\*\* Relevant products within the selected category are displayed.

### Test Case 7: Search for a Product

\*\*Objective:\*\* Verify that users can search for products using keywords.

\*\*Test Steps:\*\*

- Enter a keyword in the search bar.

- Click the search button.

\*\*Expected Result:\*\* Search results display relevant products.

### Test Case 8: View Product Details

\*\*Objective:\*\* Ensure users can view detailed product information.

\*\*Test Steps:\*\*

- Click on a product from the catalogue.

\*\*Expected Result:\*\* Product details, images, and reviews are displayed.

### Test Case 9: View Personalized Recommendations

\*\*Objective:\*\* Verify that users receive personalized product suggestions.

\*\*Test Steps:\*\*

- Browse multiple products.

- Navigate to the recommendations section.

\*\*Expected Result:\*\* Suggested products are relevant to browsing history.

### Test Case 10: Add Product to Wishlist

\*\*Objective:\*\* Ensure users can add products to their wishlist.

\*\*Test Steps:\*\*

- Click the 'Add to Wishlist' button on a product page.

\*\*Expected Result:\*\* Product is successfully added to the wishlist and accessible later.