Contents

1. User Roles & Account Management:

- **Sign-Up Process**:
    - o Verify that the user can successfully register by providing a valid email, creating a password, and confirming it.
    - o Test error messages when entering invalid email addresses or mismatched passwords.
    - o Ensure password strength requirements (if any) are enforced.
- **Sign-In Process**:
    - o Test the ability to log in with the registered email and password.
    - o Validate the "Forgot Password" functionality by sending a reset link and completing the reset process.
    - o Check error handling for incorrect login credentials.
- **Role Selection**:
    - o Test that users can select their role (Trader or Customer) after signing up.
    - o Verify that selecting the role unlocks the relevant set of features for each role.

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2. Trader Role:

- **Add New Products**:
    - o Verify that traders can add new products by entering product details such as name, description, price, and uploading images.
    - o Check the functionality of adding discount information for products.
    - o Validate image upload (format, size, resolution limits) and its display on the product page.
- **Manage Inventory**:
    - o Test the ability to edit existing product information (name, description, price, image).
    - o Verify that traders can remove products that are no longer available.
    - o Ensure inventory tracking shows correct statuses (e.g., sold, available).
- **View Orders**:
    - o Verify that traders can view customer orders.
    - o Test the ability to update order statuses (e.g., processing, shipped).
    - o Ensure orders display correct product and shipping details.
- **Analytics Dashboard (if available)**:
    - o Test the display of sales performance metrics (e.g., sales data, product views).
    - o Validate data accuracy in the dashboard.

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3. Customer Role:

- **Browse Products:**
  - o Verify the browsing functionality, ensuring all categories of products are displayed correctly.
  - o Test filters and search functionality to find specific products or products with discounts.
  - o Ensure product details (name, description, price, images) are displayed correctly.
- **Add Products to Cart:**
  - o Verify that customers can add products to the cart by selecting the desired quantity.
  - o Test the functionality of the cart, ensuring that adding and removing items updates the cart total accordingly.
- **Place Orders:**
  - o Validate the checkout process, ensuring shipping details can be entered correctly.
  - o Test various payment methods (if available) and ensure they process correctly.
  - o Verify order confirmation (emails or messages) is sent after placing an order.
- **Leave Reviews:**
  - o Test that customers can leave reviews on purchased products.
  - o Validate that reviews are saved and displayed properly on the product page.

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4. Website General Features:

- **Access Without Installation:**
  - o Test that the website is fully accessible via web browsers (Chrome, Firefox, Safari) without the need for software installation.
  - o Verify compatibility across different devices (PC, tablet, smartphone).

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5. User Interface and Functionality:

- **Responsiveness:**
  - o Test the website layout and elements (buttons, menus, images) to ensure they respond well across different screen sizes and orientations (desktop, mobile, tablet).
- **Form Validation:**

o Validate all forms (e.g., registration, adding products, checkout) for correct error handling, required fields, and input types.

- **Performance**:
  o Check the loading speed of different pages (browsing, product pages, checkout).
  o Ensure that dynamic interactions (e.g., adding products, updating orders) occur smoothly without delays or errors.