Test Plan: Story 1 - Browsing Products on abed.com

Testing Scope:
- The browsing functionality of abed.com
- Search operations for categories and products
- Menu navigation and category/subcategory selection
- Language support for English and Bangla

Feature Summary:
The feature allows regular consumers to browse different products on abed.com without requiring a user account. Users can search for products using keywords, view product details, including price, rating, images, and reviews. The browsing experience should be available on all pages, including the main page and subpages.

Testing to be Conducted:
a. Browsing Products:
  i. Verify that browsing is possible without requiring a user account.
  ii. Ensure that products from all categories are displayed.
  iii. Validate that the search function returns relevant results for both category and product keywords.
  iv. Check that the search function works on all pages, including the main page and product pages.

b. Category and Subcategory Navigation:
  i. Test the menu functionality to ensure that different categories and subcategories are accessible.
  ii. Verify that selecting a category displays the corresponding products.
  iii. Check that selecting a subcategory narrows down the product selection accordingly.

c. Language Support:
  i. Verify that the website supports both English and Bangla languages.
  ii. Test the language switch functionality and ensure that all content is correctly translated.

Techniques Used:
a. Equivalence Partitioning:
   - Test products from different categories, such as electronics, clothing, home appliances, etc.
   - Test different search scenarios, including searching for category names, product names, and common keywords.

b. Boundary Value Analysis:
   - Test the minimum and maximum length of search queries.
   - Test the browsing functionality with an empty search query.
   - Test the performance of the website when handling a large number of products.

c. Usability Testing:
   - Evaluate the user experience by browsing products, searching, and navigating through categories.
   - Collect feedback on the ease of finding desired products.

Test Cases for Purchase Section in Website:

1. ***Browsing Products without User Account:***
   - Navigate to the website without logging in.
   - Verify that products are visible and accessible for browsing.
   - Ensure the user can view categories and subcategories in the menu.
   - Confirm that searching for keywords (e.g., "mobile" or "iPhone") returns relevant products in the search results.

2. ***Account Creation upon Adding to Cart or Favorites:***
   - Add a product to the cart or favorites without logging in.
   - Verify that the user is prompted to create an account.
   - Provide the required information (mobile, password, email) and submit the registration form.
   - Ensure the user is successfully redirected back to the cart or favorites page.

3. ***Search Functionality:***

- Perform a search on the main page using a specific category keyword (e.g., "electronics").
  - Verify that products from the electronics category are displayed in the search results.
  - Perform a search using a specific product keyword (e.g., "iPhone").
  - Verify that the searched product (e.g., iPhone) appears in the search results.

4. ***Product Summary and Detail Page:***
  - Select a product from the search results.
  - Verify that the product detail page contains the following information:
    - Product details, including description and specifications.
    - Product price mentioned in BDT.
    - Product rating, displayed as stars or a numerical value.
    - Product image to visually represent the item.
    - Product reviews or customer feedback, if available.

5. ***Language Support:***
  - Toggle the language setting to English and verify that the website content is displayed in English.
  - Toggle the language setting to Bangla and verify that the website content is displayed in Bangla.

6. ***User Registration:***
  - Fill in the registration form on the homepage with valid and mandatory inputs (mobile, password, retype password, email).
  - Verify that the registration is successful and the user is redirected to the homepage.
  - Optional: Provide additional information such as name and address and verify that it is saved correctly.

7. ***User Login:***
  - Enter valid login credentials (mobile number or email and password) on the login page.
  - Verify that the user is successfully logged in and redirected to the homepage.

8. ***Social Network Login:***
  - Click on the social network login options (e.g., Gmail, Facebook).
  - Verify that the user is redirected to the respective social network login page.
  - Provide valid credentials for the selected social network.
  - Verify that the user is logged in and redirected back to the website.

9. ***Card Payment Availability:***
   - Proceed to checkout with a product in the cart.
   - Verify that the payment options include card payment.
   - Enter valid card details and complete the payment process.
   - Ensure the payment is successful and the user receives a confirmation message or email.

10. ***Email Confirmation after Purchase:***
   - Make a purchase request for a product.
   - Verify that the customer receives an email confirmation with the purchase details.
   - Check the email content for accuracy, including the product information and payment status.

11. ***Account Information and Purchase Status:***
   - Log in to the user account.
   - Verify that the account dashboard displays the following information:
     - User's basic account information (name, email, address).
     - Saved payment information, if available.
     - Product purchase status, including orders, received items, rejections, refunds, cancellations, etc.