**Test Cases Execution Document for DemoBlazeApp**

**Preconditions**

Users have access to any browser and internet.

**Test environment**

* Chrome Web Browse
* WI-FI
* Windows 11

**Test Scenario 1: User Registration with valid credentials**

**Test Case 1.1:**

* **Test Case ID:** TC-001
* **Test Case Description:** Validate that the user is able to register with a valid Username and valid Password successfully.
* **Requirement ID:** Req\_001
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Click on "Sign Up"
2. Fill out the registration form with valid:

a)Username

b)Password

3.Submit the registration form

* **Expected Result:** Users will be able to register successfully and will be directed to the login page.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 2: User Registration with invalid credentials or empty fields**

**Test Case 2.1:**

* **Test Case ID:** TC-002
* **Test Case Description:** Validate that the user is not able to register with an pre-existing Username and Password successfully.
* **Requirement ID:** Req\_002
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Click on "Sign Up"
2. Fill out the registration form with :

a)Username

b)Password

3.Submit the registration form

* **Expected Result:** Users will not be able to register successfully and error message should be displayed
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 2.2:**

* **Test Case ID:** TC-003
* **Test Case Description:** Validate that the user is not able to register with a valid Username and invalid Password (more than 16 characters) successfully.
* **Requirement ID:** Req\_002
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Click on "Sign Up"
2. Fill out the registration form with :

a)Username(valid)

b)Password(invalid)

3. Submit the registration form

* **Expected Result:** Users will not be able to register successfully and error message should be displayed
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 2.3:**

* **Test Case ID:** TC-004
* **Test Case Description:** Validate that the user is not able to register with an invalid Username (more than 16 characters)and valid Password successfully.
* **Requirement ID:** Req\_002
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

Click on "Sign Up"

Fill out the registration form with :

Username(invalid)

Password(valid)

Submit the registration form

* **Expected Result:** Users will not be able to register successfully and error message should be displayed
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 2.4:**

* **Test Case ID:** TC-005
* **Test Case Description:** Validate that the user is not able to register leaving empty fields
* **Requirement ID:** Req\_002
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Click on "Sign Up"
2. Fill out the registration form with valid:

a)Username

b)Password

1. Submit the registration form

* **Expected Result:** Users will not be able to register successfully and error message should be displayed
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 3: User Login with valid credentials**

**Test Case 3.1:**

* **Test Case ID:** TC-006
* **Test Case Description:** Validate that the user is able to login with a valid Username and a valid Password successfully.
* **Requirement ID:** Req\_003
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Click on "Sign Up"
2. Fill out the registration form with :

Username(valid)

Password(valid)

3. Submit the registration form

* **Expected Result:** Users will be able to login successfully and should be redirected to homepage.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 4: User Login with invalid credentials or empty fields**

**Test Case 4.1:**

* **Test Case ID:** TC-007
* **Test Case Description:** Validate that the user is not able to login with a invalid Username and a valid Password successfully.
* **Requirement ID:** Req\_004
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the login page**
2. The user clicks on the "Login" button located on the homepage.
3. **Enter login credentials**
4. **Click "Log In"**

* **Expected Result:** Users will not be able to login successfully and error message should be displayed.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 4.2:**

* **Test Case ID:** TC-008
* **Test Case Description:** Validate that the user is not able to login with a valid Username and a invalid Password successfully.
* **Requirement ID:** Req\_004
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Click on "Sign Up"
2. Fill out the registration form with :

Username(valid)

Password(invalid)

3.Submit the registration form

* **Expected Result:** Users will not be able to login successfully and error message should be displayed.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 4.3:**

* **Test Case ID:** TC-009
* **Test Case Description:** Validate that the user is not able to login with a invalid Username and a invalid Password successfully.
* **Requirement ID:** Req\_004
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Click on "Sign Up"
2. Fill out the registration form with :

Username(invalid)

Password(invalid)

3. Submit the registration form

* **Expected Result:** Users will not be able to login successfully and error message should be displayed.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 4.4:**

* **Test Case ID:** TC-010
* **Test Case Description:** Validate that the user is not able to login with empty fields as an input
* **Requirement ID:** Req\_04
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Click on "Sign Up"
2. Fill out the registration form with :

Username(invalid)

Password(invalid)

3. Submit the registration form

* **Expected Result:** Users will not be able to login successfully and error message should be displayed.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 5: Send message to Contact using valid credentials**

**Test Case 5.1:**

* **Test Case ID:** TC-011
* **Test Case Description:** Validate that the user can message a contact with valid credentials .
* **Requirement ID:** Req\_005
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User Navigates to the HomePage**
2. The user clicks on the "Contact" button located on the homepage.
3. **Enter valid contact credentials**
4. **Click "Send Message"**

* **Expected Result:** Users will be able to send message to contact .
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 6: Send message to Contact using invalid credentials or empty fields**

**Test Case 6.1:**

* **Test Case ID:** TC-012
* **Test Case Description:** Validate that the user will not be able to message a contact with invalid contact email.
* **Requirement ID:** Req\_006
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User Navigates to the HomePage**
2. The user clicks on the "Contact" button located on the homepage.
3. **Enter invalid contact email**
4. **Click "Send Message"**

* **Expected Result:** User will not be able to send message to contact .
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 6.2:**

* **Test Case ID:** TC-013
* **Test Case Description:** Validate that the user will not be able to message a contact with invalid contact name.
* **Requirement ID:** Req\_006
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User Navigates to the HomePage**
2. The user clicks on the "Contact" button located on the homepage.
3. **Enter invalid contact name**
4. **Click "Send Message"**

* **Expected Result:** User will not be able to send message to contact .
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 6.3:**

* **Test Case ID:** TC-014
* **Test Case Description:** Validate that the user will not be able to send a message with an empty message field
* **Requirement ID:** Req\_006
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User Navigates to the HomePage**
2. The user clicks on the "Contact" button located on the homepage.
3. **Leave message field empty**
4. **Click "Send Message"**

* **Expected Result:** User will not be able to send message to contact .
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 6.4:**

* **Test Case ID:** TC-015
* **Test Case Description:** Validate that the user will not be able to message a contact leaving empty fields .
* **Requirement ID:** Req\_006
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User Navigates to the HomePage**
2. The user clicks on the "Contact" button located on the homepage.
3. **Leave empty fields**
4. **Click "Send Message"**

* **Expected Result:** User will not be able to send message to contact .
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 7: Add Product to cart**

**Test Case 7.1:**

* **Test Case ID:** TC-016
* **Test Case Description:** Validate that the user can add a product to cart
* **Requirement ID:** Req\_007
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User views a product**
2. **Click on "Add to Cart"**
3. **View Cart**
4. **Continue Shopping or Proceed to Checkout**

* **Expected Result:** A message will be displayed that the item was added successfully to cart , item will be added.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 8: Delete Product from cart**

**Test Case 8.1:**

* **Test Case ID:** TC-017
* **Test Case Description:** Validate that the user can delete an item from cart.
* **Requirement ID:** Req\_008
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to Cart**
2. **Search for the product he wants to delete**
3. **Click on “Delete “**

* **Expected Result:**Item will be deleted
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 9: Purchase an item using valid credentials**

**Test Case 9.1:**

* **Test Case ID:** TC-018
* **Test Case Description:** Validate that the user can purchase items from cart.
* **Requirement ID:** Req\_009
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the cart**
2. **Review cart items**
3. **Click on "Proceed to Checkout"**
4. **Enter all information correctly**
5. **Review order**
6. **Click "Purchase**

* **Expected Result:**User will be able to purchase an item successfully ,confirmation message will appear.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 10: Purchase an item using invalid credentials**

**Test Case 10.1:**

* **Test Case ID:** TC-019
* **Test Case Description:** Validate that the user can’t purchase items from cart with invalid name .
* **Requirement ID:** Req\_010
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the cart**
2. **Review cart items**
3. **Click on "Proceed to Checkout"**
4. **Enter all information correctly except for the name**
5. **Review order**
6. **Click "Purchase**

* **Expected Result:**User will not be able to purchase an item successfully ,error message should appear.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 10.2:**

* **Test Case ID:** TC-020
* **Test Case Description:** Validate that the user can’t purchase items from cart with invalid country .
* **Requirement ID:** Req\_010
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the cart**
2. **Review cart items**
3. **Click on "Proceed to Checkout"**
4. **Enter all information correctly except for the country**
5. **Review order**
6. **Click "Purchase**

* **Expected Result:**User will not be able to purchase an item successfully ,error message should appear.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 10.3:**

* **Test Case ID:** TC-021
* **Test Case Description:** Validate that the user can’t purchase items from cart with invalid city .
* **Requirement ID:** Req\_010
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the cart**
2. **Review cart items**
3. **Click on "Proceed to Checkout"**
4. **Enter all information correctly except for the city**
5. **Review order**
6. **Click "Purchase**

* **Expected Result:**User will not be able to purchase an item successfully ,error message should appear.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 10.4:**

* **Test Case ID:** TC-022
* **Test Case Description:** Validate that the user can’t purchase items from cart with invalid credit card .
* **Requirement ID:** Req\_010
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the cart**
2. **Review cart items**
3. **Click on "Proceed to Checkout"**
4. **Enter all information correctly except for the credit card**
5. **Review order**
6. **Click "Purchase**

* **Expected Result:**User will not be able to purchase an item successfully ,error message should appear.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 10.5:**

* **Test Case ID:** TC-023
* **Test Case Description:** Validate that the user can’t purchase items from cart with invalid month.
* **Requirement ID:** Req\_010
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the cart**
2. **Review cart items**
3. **Click on "Proceed to Checkout"**
4. **Enter all information correctly except for the month**
5. **Review order**
6. **Click "Purchase**

* **Expected Result:**User will not be able to purchase an item successfully ,error message should appear.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 10.6:**

* **Test Case ID:** TC-024
* **Test Case Description:** Validate that the user can’t purchase items from cart with invalid year.
* **Requirement ID:** Req\_010
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the cart**
2. **Review cart items**
3. **Click on "Proceed to Checkout"**
4. **Enter all information correctly except for the year**
5. **Review order**
6. **Click "Purchase**

* **Expected Result:**User will not be able to purchase an item successfully ,error message should appear.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 10.7:**

* **Test Case ID:** TC-025
* **Test Case Description:** Validate that the user can’t purchase items from cart leaving important fields empty .
* **Requirement ID:** Req\_010
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. **User navigates to the cart**
2. **Review cart items**
3. **Click on "Proceed to Checkout"**
4. **Leave fields empty**
5. **Review order**
6. **Click "Purchase**

* **Expected Result:**User will not be able to purchase an item successfully ,error message should appear.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 11: User Logout functionality**

**Test Case 11.1:**

* **Test Case ID:** TC-026
* **Test Case Description:** Validate that the user is able to logout successfully
* **Requirement ID:** Req\_011
* **Preconditions:** Navigate to website **demoblaze.com**
* **Test Steps:**

1. Login as a user
2. Navigate to the logout button
3. Click on ”Log out” Button

* **Expected Result:** Users will be able to logout successfully.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 12: User selects items from categories being logged in .**

**Test Case 12.1:** Positive Test Case - Selecting a phone from the "Phones" category

* **Test Case ID:** TC-027
* **Test Case Description:** Validate that the user can successfully select a phone from the "Phones" category and view the product details.
* **Requirement ID:** Req\_012
* **Preconditions:** The user is logged into the website. **Test Steps:**

1. Navigate to the website demoblaze.com.
2. Click on the "Phones" category from the navigation bar.
3. Select a phone from the displayed list of products.
4. Validate that the user is redirected to the product details page.
5. Check if the product details (name, description, price, and available options) are visible.
6. Verify that the "Add to Cart" button is enabled and visible.

* **Expected Results:** The user should be able to successfully navigate to the phone's details page with the relevant product information displayed.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 12.2: Positive Test Case - Selecting a laptop from the "Laptops" category**

**Test Case ID:** TC-028

**Test Case Description:** Validate that the user can successfully select a laptop from the "Laptops" category and view the product details.  
 **Requirement ID:** Req\_012 **Preconditions:** The user is logged into the website.  
 **Test Steps:**

1. Navigate to the website demoblaze.com.
2. Click on the "Laptops" category from the navigation bar.
3. Select a laptop from the displayed list of products.
4. Validate that the user is redirected to the product details page.
5. Check if the product details (name, description, price, and available options) are visible.
6. Verify that the "Add to Cart" button is enabled and visible.

**Expected Results:** The user should be able to successfully navigate to the laptop's details page with the relevant product information displayed.

* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 12.3:** Positive Test Case - Selecting a monitor from the "Monitors" category

* **Test Case ID: TC-029**
* **Test Case Description**: Validate that the user can successfully select a monitor from the "Monitors" category and view the product details.
* **Requirement ID:** Req\_012
* **Preconditions:** The user is logged into the website**.** Test Steps:

1. Navigate to the website demoblaze.com.
2. Click on the "Monitors" category from the navigation bar.
3. Select a monitor from the displayed list of products.
4. Validate that the user is redirected to the product details page.
5. Check if the product details (name, description, price, and available options) are visible.
6. Verify that the "Add to Cart" button is enabled and visible.

* **Expected Results:** The user should be able to successfully navigate to the monitor's details page with the relevant product information displayed.

* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 13: User selects items from categories without being logged in .**

**Test Case 13.1:** Negative Test Case - Selecting a laptop without being logged in

**Test Case ID:** TC-030 **Test Case Description:** Validate that the user cannot add a laptop to the cart without being logged in.  
 **Requirement ID:** Req\_013

**Preconditions:** User is not logged in.  
 Test Steps:

1. **Navigate to the website demoblaze.com.**
2. **Click on the "Laptops" category from the navigation bar.**
3. **Select a laptop from the displayed list of products.**
4. **Attempt to click on the "Add to Cart" button.**

**Expected Results:  
 The user should be redirected to the login or registration page with an error message indicating that login is required to add items to the cart.**

* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 13.2: Negative Test Case - Selecting a phone without logging in**

* **Test Case ID:** TC-031
* **Test Case Description:** Validate that the user cannot add a phone to the cart without being logged in.
* **Requirement ID**: Req\_013
* **Preconditions:** User is not logged in. **Test Steps:**

1. Navigate to the website demoblaze.com.
2. Click on the "Phones" category from the navigation bar.
3. Select a phone from the displayed list of products.
4. Attempt to click on the "Add to Cart" button.

* **Expected Results:** The user should be redirected to the login or registration page with an error message indicating that login is required to add items to the cart.
* **Actual Result:**
* **Status:**
* **Priority:**

**Test Case 13.3:** Negative Test Case - Selecting a monitor without being logged in

* **Test Case ID: TC-032**
* **Test Case Description:** Validate that the user cannot add a monitor to the cart without being logged in.
* **Requirement ID:** Req\_013
* **Preconditions:** User is not logged in.  
   Test Steps:

1. Navigate to the website demoblaze.com.
2. Click on the "Monitors" category from the navigation bar.
3. Select a monitor from the displayed list of products.
4. Attempt to click on the "Add to Cart" button.

* **Expected Results:** The user should be redirected to the login or registration page with an error message indicating that login is required to add items to the cart.

* **Actual Result:**
* **Status:**
* **Priority:**

**Test Scenario 14: Verify the About us functionality**

**Test Case 14.1:** Check the about us functionality

**Test Case ID:** TC-033 **Test Case Description:** Validate the about us button functionality

**Requirement ID:** Req\_014

**Preconditions:** User is logged in.  
 Test Steps:

1. Navigate to the website demoblaze.com.
2. Click on the "About us" from the upper bar.

* **Expected Results:** The about us information should be displayed.
* **Actual Result:**
* **Status:**
* **Priority:**