**Login.html TEST CASES**

**1. Valid Email and Password**

* **Input:**
  + Email: user@example.com
  + Password: CorrectPassword123
* **Expected Output:**
  + Login successful, user redirected to the dashboard.

**2. Invalid Email Format**

* **Input:**
  + Email: userexample.com
  + Password: ValidPassword123
* **Expected Output:**
  + Error message: "Invalid email format."

**3. Incorrect Password**

* **Input:**
  + Email: user@example.com
  + Password: WrongPassword123
* **Expected Output:**
  + Error message: "Incorrect email or password."

**4. Empty Email Field**

* **Input:**
  + Email: ""
  + Password: ValidPassword123
* **Expected Output:**
  + Error message: "Email is required."

**5. Empty Password Field**

* **Input:**
  + Email: user@example.com
  + Password: ""
* **Expected Output:**
  + Error message: "Password is required."

**6. Both Fields Empty**

* **Input:**
  + Email: ""
  + Password: ""
* **Expected Output:**
  + Error message: "Email and Password are required."

**7. Remember Me Checkbox Functionality**

* **Input:**
  + Email: user@example.com
  + Password: ValidPassword123
  + Checkbox: Checked
* **Expected Output:**
  + User stays logged in after refreshing the page.

**8. SQL Injection Attempt**

* **Input:**
  + Email: user@example.com' OR '1'='1
  + Password: anyvalue
* **Expected Output:**
  + Login fails, and error message appears.

**9. Login with Non-Registered Email**

* **Input:**
  + Email: randomuser@example.com
  + Password: RandomPassword123
* **Expected Output:**
  + Error message: "User not found."

**10. Password Field Masking**

* **Input:**
  + Type a password in the password field
* **Expected Output:**
  + The password should be masked (hidden with dots or asterisks).

**About.html TEST CASES**

**1. Page Loads Successfully**

* Precondition: The user accesses about.html.
* Steps:
  1. Open about.html in a web browser.
* Expected Output:
  1. The page loads without errors, and all sections are visible.

**2. Navigation Links Functionality**

* Precondition: The navigation menu is available.
* Steps:
  1. Click on Home, Find donor, About Us, Blog, and Contact links in the navigation bar.
* Expected Output:
  1. The respective pages load correctly without broken links.

**3. Image Visibility and Loading**

* Precondition: Images are present in the about.html page.
* Steps:
  1. Check if all images (such as about.png, about2.png, about3.png, etc.) are displayed correctly.
* Expected Output:
  1. No broken images, and all images load properly.

**4. Content Readability on Different Screen Sizes**

* Precondition: The website is responsive.
* Steps:
  1. Open the page on a desktop.
  2. Resize the browser window.
  3. Open on mobile and tablet devices.
* Expected Output:
  1. Text and images adjust properly without overlapping or breaking layout.

**5. Header and Footer Display Properly**

* Precondition: The page includes a header and footer.
* Steps:
  1. Check if the header displays the logo, navigation menu, and contact details.
  2. Check if the footer displays social media links, contact info, and copyright notice.
* Expected Output:
  1. Header and footer appear correctly and remain fixed on the page.

**6. Social Media Links are Functional**

* Precondition: Social media icons are present in the footer.
* Steps:
  1. Click on Facebook, Instagram, Twitter, and YouTube links.
* Expected Output:
  1. Each link correctly redirects to the respective social media platform.

**7. Readability of Text (Font and Colors)**

* Precondition: Text should be clear and readable.
* Steps:
  1. Ensure headings (h1, h2) are visible and distinguishable from the body text.
  2. Check if paragraph text is not too small or too large.
* Expected Output:
  1. Text is readable, well-contrasted, and properly spaced.

**8. Responsive Column Layout**

* Precondition: The page includes a three-column layout.
* Steps:
  1. View the page on a desktop (columns should be side-by-side).
  2. View the page on a mobile device (columns should stack).
* Expected Output:
  1. On desktop, columns are side-by-side.
  2. On mobile, columns stack vertically for better readability.

**9. Contact Us Section Functionality**

* Precondition: The page includes a "Contact Us" section with email and phone details.
* Steps:
  1. Click on the email link (bloodbridge001@gmail.com).
  2. Click on the phone number (+91-0123-456-789).
* Expected Output:
  1. Clicking the email link opens an email client.
  2. Clicking the phone number prompts a call.

**10. Broken Links and 404 Errors**

* Precondition: All internal links should work.
* Steps:
  1. Click on all links in about.html.
  2. Verify if any link results in a 404 error.
* Expected Output:
  1. No broken links, all pages open correctly.