Test Case 1: Homepage Navigation

Test Case ID: TC001
Objective: To verify that the homepage of rahulshettyacademy.com loads correctly and all navigation links are functional.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Verify that the logo is displayed on the top-left corner of the homepage.
2. Click on the "Courses" link from the top navigation bar.
3. Verify that the user is redirected to the "Courses" page.
4. Go back to the homepage.
5. Click on the "Contact" link from the top navigation bar.
6. Verify that the user is redirected to the "Contact" page.

Expected Results:
1. The logo should be visible on the homepage.
2. The "Courses" page should load without any errors.
3. The user should return to the homepage after clicking the back button.
4. The "Contact" page should load successfully.

Test Case 2: Course Enrolment

Test Case ID: TC002
Objective: To verify that users can enroll in a course on rahulshettyacademy.com.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Click on the "Courses" link from the top navigation bar.
2. Select a course from the list of available courses.
3. Click on the "Enroll Now" button.
4. Enter valid user details (name, email, etc.).
5. Complete the payment process and confirm the enrollment.

Expected Results:
1. The user should be able to select a course and click on the "Enroll Now" button.
2. The enrolment process should be smooth and error-free.

3. After successful enrolment, the user should receive a confirmation email and gain access to the course materials.

Test Case 3: Course Search Functionality

Test Case ID: TC003
Objective: To verify that users can search for courses using the search bar on rahulshettyacademy.com.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Enter a course name in the search bar e.g. "Selenium WebDriver".
2. Click on the magnifying glass icon or press "Enter" to initiate the search.
3. Wait for the search results page to load.

Expected Results:
1. The search results page should display relevant courses related to the entered search query.
2. The course names, descriptions, and prices should match the search query and be displayed correctly.

Test Case 4: User Login

Test Case ID: TC004
Objective: To verify that registered users can log into their accounts on rahulshettyacademy.com.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Click on the "Sign In" link at the top-right corner of the homepage.
2. Enter the registered email and password.
3. Click on the "Login" button to log in.

Expected Results:
1. The login page should be displayed without any errors.
2. The user should be able to enter valid login credentials and log in successfully.
3. After login, the user should be redirected to the "My Courses" page or the homepage.

Test Case 5: User Registration

Test Case ID: TC005
Objective: To verify that new users can register for an account on rahulshettyacademy.com.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Click on the "Sign Up" link at the top-right corner of the homepage.
2. Fill in the required details in the registration form (name, email, password, etc.).
3. Click on the "Register" button to submit the registration form.

Expected Results:
1. The user registration form should be displayed without any errors.
2. The user should be able to enter all the required details and register successfully.
3. After registration, the user should receive a confirmation email and gain access to the account features.

Test Case 6: Contact Form Submission

Test Case ID: TC006
Objective: To verify that users can submit the contact form on the "Contact" page.

Preconditions:
1. The browser is open and navigated to the "Contact" page on rahulshettyacademy.com.
2. The user is on the "Contact" page.

Test Steps:
1. Fill in the required details in the contact form (name, email, message, etc.).
2. Click on the "Submit" button to send the message.

Expected Results:
1. The contact form fields should be displayed without any errors.
2. The user should be able to enter all the required details and submit the form successfully.
3. After submission, the user should see a confirmation message indicating that the message has been sent.

Test Case 7: Blog Post Readability

Test Case ID: TC007
Objective: To verify that blog posts on rahulshettyacademy.com are readable and displayed correctly.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Click on the "Blog" link from the top navigation bar.
2. Select a blog post from the list of available posts.
3. Read the content of the blog post and check for any formatting or readability issues.

Expected Results:
1. The blog posts should be displayed without any errors.
2. The content of the blog posts should be readable and properly formatted.

Test Case 8: FAQ Page Navigation

Test Case ID: TC008
Objective: To verify that the "FAQ" page is accessible and displays frequently asked questions.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Click on the "FAQ" link from the top navigation bar.
2. Scroll through the page to view the list of frequently asked questions.

Expected Results:
1. The "FAQ" page should load without any errors.
2. The page should display a list of relevant frequently asked questions and their answers.

Test Case 9: Instructor Profile Page

Test Case ID: TC009
Objective: To verify that instructor profile pages display accurate information about the instructor.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Click on the "Instructors" link from the top navigation bar.
2. Select an instructor from the list of available instructors.

3. Verify that the instructor profile page displays the instructor's name, bio, and courses taught.

Expected Results:
1. The instructor profile page should load without any errors.
2. The page should display accurate information about the selected instructor.

Test Case 10: Testimonials Verification

Test Case ID: TC010
Objective: To verify that the testimonials on rahulshettyacademy.com are genuine and correctly attributed.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Scroll to the section displaying customer testimonials.
2. Read each testimonial and verify that they are genuine and relevant to the courses.

Expected Results:
1. The testimonials should be displayed without any errors.
2. The testimonials should appear genuine and attribute the feedback to actual customers.

Test Case 11: Responsive Design Testing

Test Case ID: TC011
Objective: To verify that the website is responsive and displays correctly on different devices.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Resize the browser window to test the website's responsiveness.
2. Access rahulshettyacademy.com on a mobile device (smartphone or tablet).

Expected Results:
1. The website layout and content should adapt smoothly to different screen sizes.
2. The website should display correctly and be easy to navigate on various devices.

Test Case 12: Payment Gateway Integration

Test Case ID: TC012

Objective: To verify that the payment gateway is integrated and functioning correctly for course enrolment.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Navigate to a course page and click on the "Enroll Now" button.
2. Proceed to the payment page and select a payment method (e.g., credit card, PayPal).
3. Enter valid payment details and complete the payment process.

Expected Results:
1. The payment gateway should be integrated and functional without any errors.
2. Users should be able to select a payment method, enter payment details, and complete the transaction successfully.

Test Case 13: Error Handling - Invalid Inputs

Test Case ID: TC013
Objective: To verify that the website handles invalid inputs gracefully and displays appropriate error messages.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on a relevant page where input is required e.g. login page, registration form.

Test Steps:
1. Enter invalid data in the required fields e.g. incorrect email format, wrong password.
2. Submit the form or proceed to the next step with the invalid inputs.

Expected Results:
1. The website should display specific error messages for each invalid input field.
2. Error messages should be clear and guide the user to correct the input errors.

Test Case 14: Social Media Integration

Test Case ID: TC014
Objective: To verify that the website's social media links and share buttons are functional.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Click on the social media icons e.g. Facebook, Twitter, LinkedIn displayed on the website.
2. Verify that the links open the respective social media profiles in new tabs/windows.

Expected Results:
1. The social media icons should be displayed and clickable without any errors.
2. Clicking on the icons should open the corresponding social media profiles in new tabs/windows.

Test Case 15: Accessibility Testing

Test Case ID: TC015
Objective: To verify that the website complies with accessibility standards and is usable by people with disabilities.

Preconditions:
1. The browser is open and navigated to rahulshettyacademy.com.
2. The user is on the homepage.

Test Steps:
1. Use accessibility tools e.g. screen readers to navigate and interact with the website.
2. Verify that all website elements are accessible and can be used by people with disabilities.

Expected Results:
1. The website should meet accessibility standards, allowing people with disabilities to access and use the content effectively.