equirement ID	Requirement Description	Test Case ID	Test Case Description	Status
REQ_Home_01	The homepage must load all elements (header, footer, images, etc.) correctly.	TC_Home_01	Verify that the homepage loads correctly.	To Be Tested
REQ_Home_02	The search bar should return results based on user queries.	TC_Home_02	Verify the functionality of the search bar.	To Be Tested
REQ_Home_03	The navigation menu should allow access to all relevant pages (Practice Test Pages, Selenium WebDriver, etc.).	TC_Home_03	Verify that the navigation menu works properly.	To Be Tested
REQ_Practice_01	Sample Test Pages must be available for practice purposes (drag and drop, modals, etc.).	TC_Practice_01	Verify that the "Sample Test Pages" load correctly.	To Be Tested
REQ_Practice_02	Drag-and-drop functionality should work as intended.	TC_Practice_02	Verify drag-and-drop functionality.	To Be Tested
REQ_Practice_03	Modals and alerts should be displayed and interacted with correctly.	TC_Practice_03	Verify handling of modals and alerts.	To Be Tested
REQ_Contact_01	The contact form should be submitted successfully with valid data.	TC_Contact_01	Verify that the contact form submits successfully with valid data.	To Be Tested
REQ_Contact_02	The contact form should validate required fields and display error messages for missing data.	TC_Contact_02	Verify form validation for missing fields.	To Be Tested
REQ_Contact_03	The contact form should reject invalid email formats.	TC_Contact_03	Verify that the email field does not accept invalid formats.	To Be Tested
REQ_Navigation_01	All internal links should navigate to the correct pages without errors.	TC_Navigation_01	Verify that internal links on the website work properly.	To Be Tested
REQ_Navigation_02	External links should open in a new tab and lead to correct external resources.	TC_Navigation_02	Verify that external links work correctly.	To Be Tested
REQ_Performance_01	The homepage must load within acceptable time limits (3 seconds or less).	TC_Performance_01	Verify that the homepage loads within acceptable time limits.	To Be Tested
REQ_Performance_02	Pages with large resources should load without performance issues.	TC_Performance_02	Verify that large images and resources load without issues.	To Be Tested
REQ_Security_01	The website must use HTTPS for secure communication.	TC_Security_01	Verify that the website uses HTTPS for secure communication.	To Be Tested
REQ_Security_02	The website should prevent SQL injection vulnerabilities on forms.	TC_Security_02	Verify that SQL Injection cannot be performed on the forms.	To Be Tested
REQ_Compatibility_01	The website must be compatible across major browsers (Chrome, Firefox, Safari, Edge).	TC_Compatibility_01	Verify website compatibility on Chrome, Firefox, Safari, and Edge.	To Be Tested
REQ_Compatibility_02	The website must be responsive and display properly on mobile devices (iPhone, Android).	TC_Compatibility_02	Verify that the website is responsive on mobile devices.	To Be Tested
REQ_Accessibility_01	All images should have appropriate alt text for accessibility.	TC_Accessibility_01	Verify that all images have alt text.	To Be Tested
REQ_Accessibility_02	The website must be navigable using only the keyboard for accessibility.	TC_Accessibility_02	Verify that the website is navigable using only the keyboard.	To Be Tested
REQ_Error_01	The website must display a custom 404 error page for non-existent URLs.	TC_Error_01	Verify that a 404 page is displayed when navigating to a non-existent URL.	To Be Tested