TASK 03

Based on the structure and content of the Innovador Solutions website, here are test cases for various features and sections:

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify the homepage loads correctly	Open the website URL	Homepage should load with all elements visible
TC002	Verify navigation links	Click on each navigation link (Home, About Us, Services, etc.)	Each link should navigate to the correct page
TC003	Verify 'Contact Us' form submission	Fill out and submit the contact form with valid data	Form should submit successfully and show a confirmation message
TC004	Verify error message on 'Contact Us' form with invalid data	Submit the contact form with invalid or incomplete data	Error messages should display for the respective invalid fields
TC005	Verify the responsiveness of the website	Resize the browser window or open the site on different devices	Website should adjust layout appropriately for different screen sizes
TC006	Verify 'Services' page details	Navigate to the Services page and review the content for each service listed	Page should display details about UI/UX, Web Development, Mobile Application, SaaS & Cloud Computing, etc.
TC007	Verify 'Products' page details	Navigate to the Products page and review the listed products	Page should display details about all products such as AASAANN, AMS, EASYFEE, HR360, etc.
TC008	Verify 'About Us' page content	Navigate to the About Us page	Page should display information about the company's mission, vision, and team
TC009	Verify 'Careers' page functionality	Navigate to the Careers page and attempt to apply for a job	Job application form should submit correctly and show a confirmation message
TC010	Verify social media	Click on social media	Each icon should

	links	icons (Twitter, Facebook, LinkedIn, Instagram)	open the respective social media page in a new tab
TC011	Verify the search functionality	Use the search bar to look for specific content	Relevant results should display based on the search query
TC012	Verify blog page accessibility	Navigate to the Blogs page	Blog page should display a list of blog posts with summaries and links to full articles
TC013	Verify company address and contact information	Check the contact details on the Contact Us and footer section	Contact details should be correct and match the company's actual contact information
TC014	Verify performance and load time	Use tools like Google PageSpeed Insights to test page load times	Website should load within acceptable time limits for better user experience
TC015	Verify SEO elements	Check for presence of meta tags, titles, descriptions on each page	Each page should have relevant meta tags, titles, and descriptions for SEO
TC016	Verify SSL certificate	Check if the website loads with HTTPS protocol	Website should load securely with HTTPS and show a valid SSL certificate
TC017	Verify browser compatibility	Open the website on different browsers (Chrome, Firefox, Safari, Edge)	Website should display correctly on all major browsers
TC018	Verify error pages (404, 500, etc.)	Navigate to non-existent pages or simulate server errors	Appropriate error pages (e.g., 404 Not Found) should display

Expanded Test Cases Table

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify the homepage loads correctly	Open the website URL	Homepage should load with all elements visible
TC002	Verify navigation links	Click on each navigation link (Home, About Us, Services, etc.)	Each link should navigate to the correct page
TC003	Verify 'Contact Us' form submission	Fill out and submit the contact form with valid data	Form should submit successfully and show a confirmation message
TC004	Verify error message on 'Contact Us' form with invalid data	Submit the contact form with invalid or incomplete data	Error messages should display for the respective invalid fields
TC005	Verify the responsiveness of the website	Resize the browser window or open the site on different devices	Website should adjust layout appropriately for different screen sizes
TC006	Verify 'Services' page details	Navigate to the Services page and review the content for each service listed	Page should display details about UI/UX, Web Development, Mobile Application, SaaS & Cloud Computing, etc.
TC007	Verify 'Products' page details	Navigate to the Products page and review the listed products	Page should display details about all products such as AASAANN, AMS, EASYFEE, HR360, etc.
TC008	Verify 'About Us' page content	Navigate to the About Us page	Page should display information about the company's mission, vision, and team
TC009	Verify 'Careers' page functionality	Navigate to the Careers page and attempt to apply for a job	Job application form should submit correctly and show a confirmation message
TC010	Verify social media links	Click on social media icons (Twitter, Facebook, LinkedIn,	Each icon should open the respective social media page in a

		Instagram)	new tab
TC011	Verify the search functionality	Use the search bar to look for specific content	Relevant results should display based on the search query
TC012	Verify blog page accessibility	Navigate to the Blogs page	Blog page should display a list of blog posts with summaries and links to full articles
TC013	Verify company address and contact information	Check the contact details on the Contact Us and footer section	Contact details should be correct and match the company's actual contact information
TC014	Verify performance and load time	Use tools like Google PageSpeed Insights to test page load times	Website should load within acceptable time limits for better user experience
TC015	Verify SEO elements	Check for presence of meta tags, titles, descriptions on each page	Each page should have relevant meta tags, titles, and descriptions for SEO
TC016	Verify SSL certificate	Check if the website loads with HTTPS protocol	Website should load securely with HTTPS and show a valid SSL certificate
TC017	Verify browser compatibility	Open the website on different browsers (Chrome, Firefox, Safari, Edge)	Website should display correctly on all major browsers
TC018	Verify error pages (404, 500, etc.)	Navigate to non-existent pages or simulate server errors	Appropriate error pages (e.g., 404 Not Found) should display
TC019	Verify 'Privacy Policy' page	Navigate to the Privacy Policy page	Page should display the company's privacy policy information
TC020	Verify 'Terms and Conditions' page	Navigate to the Terms and Conditions page	Page should display the company's terms and conditions

Functional Testing

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify the homepage loads correctly	Open the website URL	Homepage should load with all elements visible
TC002	Verify navigation links	Click on each navigation link (Home, About Us, Services, etc.)	Each link should navigate to the correct page
TC003	Verify 'Contact Us' form submission	Fill out and submit the contact form with valid data	Form should submit successfully and show a confirmation message
TC004	Verify error message on 'Contact Us' form with invalid data	Submit the contact form with invalid or incomplete data	Error messages should display for the respective invalid fields
TC005	Verify search functionality	Use the search bar to look for specific content	Relevant results should display based on the search query
TC006	Verify 'Services' page details	Navigate to the Services page and review the content for each service listed	Page should display details about UI/UX, Web Development, Mobile Application, SaaS & Cloud Computing, etc.
TC007	Verify 'Products' page details	Navigate to the Products page and review the listed products	Page should display details about all products such as AASAANN, AMS, EASYFEE, HR360, etc.
TC008	Verify 'About Us' page content	Navigate to the About Us page	Page should display information about the company's mission, vision, and team
TC009	Verify 'Careers' page functionality	Navigate to the Careers page and attempt to apply for a job	Job application form should submit correctly and show a confirmation message
TC010	Verify blog page accessibility	Navigate to the Blogs page	Blog page should display a list of blog posts with summaries and links to full articles

Usability Testing

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify the responsiveness of the website	Resize the browser window or open the site on different devices	Website should adjust layout appropriately for different screen sizes
TC002	Verify intuitive navigation	Navigate through the website using the main navigation menu	Navigation should be intuitive and user-friendly
TC003	Verify readability and font size	Review the text on various pages	Text should be readable with appropriate font size and contrast
TC004	Verify form field labels and instructions	Check all forms on the website	Form fields should have clear labels and instructions for filling out
TC005	Verify consistency in design	Compare the design elements across different pages	Design should be consistent in terms of colors, fonts, and layout

Performance Testing

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify performance and load time	Use tools like Google PageSpeed Insights to test page load times	Website should load within acceptable time limits for better user experience
TC002	Verify server response time	Use performance testing tools to measure server response times	Server response time should be within acceptable limits
TC003	Verify page load under heavy traffic	Simulate multiple users accessing the website simultaneously	Website should handle the load without significant performance degradation

Security Testing

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify SSL certificate	Check if the website loads with HTTPS protocol	Website should load securely with HTTPS and show a valid SSL certificate
TC002	Verify secure form submission	Submit forms with sensitive data (e.g., Contact Us)	Data should be submitted securely without exposure of sensitive information
TC003	Verify protection against SQL injection	Test form fields for SQL injection vulnerabilities	Website should be protected against SQL injection attacks
TC004	Verify protection against XSS	Test input fields for Cross-Site Scripting (XSS) vulnerabilities	Website should be protected against XSS attacks

Compatibility Testing

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify browser compatibility	Open the website on different browsers (Chrome, Firefox, Safari, Edge)	Website should display correctly on all major browsers
TC002	Verify mobile device compatibility	Open the website on different mobile devices (iOS, Android)	Website should be fully functional and correctly displayed on mobile devices
TC003	Verify different screen resolutions	Test the website on different screen resolutions	Website should be fully functional and correctly displayed on different screen resolutions

Content Verification

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify company address and contact information	Check the contact details on the Contact Us and footer section	Contact details should be correct and match the company's actual contact information
TC002	Verify presence of meta tags and SEO elements	Check for presence of meta tags, titles, descriptions on each page	Each page should have relevant meta tags, titles, and descriptions for SEO
TC003	Verify correct and updated content	Review the text content on various pages	Content should be accurate, up-to-date, and free of typographical errors
TC004	Verify presence of legal information	Check for pages like Privacy Policy and Terms and Conditions	Pages should contain accurate and complete legal information

Error Handling

Test Case ID	Test Case Description	Steps to Execute	Expected Result
TC001	Verify error pages (404, 500, etc.)	Navigate to non-existent pages or simulate server errors	Appropriate error pages (e.g., 404 Not Found) should display
TC002	Verify form validation error messages	Submit forms with invalid data	Relevant error messages should be displayed, guiding the user to correct the input
TC003	Verify user-friendly error messages	Trigger various error conditions across the website	Error messages should be user-friendly and provide clear instructions on how to proceed