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	Click on each	Each link should
	links	navigation link	navigate to the correct
		(Home, About Us,	page
T G000	77 10 10	Services, etc.)	
TC003	Verify 'Contact Us'	Fill out and submit the	Form should submit
	form submission	contact form with	successfully and show
		valid data	a confirmation
TC004	Verify error message	Submit the contact	message Error messages should
1004	on 'Contact Us' form	form with invalid or	display for the
	with invalid data	incomplete data	respective invalid
	William and and		fields
TC005	Verify the	Resize the browser	Website should adjust
	responsiveness of the	window or open the	layout appropriately
	website	site on different	for different screen
		devices	sizes
TC006	Verify 'Services' page	Navigate to the	Page should display
	details	Services page and	details about UI/UX,
		review the content for	Web Development,
		each service listed	Mobile Application,
			SaaS & Cloud
TC007	TV 'C ID 1 ()	NT ' 4 4	Computing, etc.
TC007	Verify 'Products' page details	Navigate to the	Page should display details about all
	details	Products page and review the listed	products such as
		products	AASAANN, AMS,
		products	EASYFEE, HR360,
			etc.
TC008	Verify 'About Us'	Navigate to the About	Page should display
	page content	Us page	information about the
			company's mission,
			vision, and team
TC009	Verify 'Careers' page	Navigate to the	Job application form
	functionality	Careers page and	should submit
		attempt to apply for a	correctly and show a
		job	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	Use the search bar to	Relevant results
	functionality	look for specific	should display based
		content	on the search query
TC012	Verify blog page	Navigate to the Blogs	Blog page should
	accessibility	page	display a list of blog
			posts with summaries
			and links to full
			articles
TC013	Verify company	Check the contact	Contact details should
	address and contact	details on the Contact	be correct and match
	information	Us and footer section	the company's actual
			contact information
TC014	Verify performance	Use tools like Google	Website should load
	and load time	PageSpeed Insights to	within acceptable time
		test page load times	limits for better user
			experience
TC015	Verify SEO elements	Check for presence of	Each page should
		meta tags, titles,	have relevant meta
		descriptions on each	tags, titles, and
		page	descriptions for SEO
TC016	Verify SSL certificate	Check if the website	Website should load
		loads with HTTPS	securely with HTTPS
		protocol	and show a valid SSL
			certificate
TC017	Verify browser	Open the website on	Website should
	compatibility	different browsers	display correctly on
		(Chrome, Firefox,	all major browsers
T C010	TT 10	Safari, Edge)	
TC018	Verify error pages	Navigate to non-	Appropriate error
	(404, 500, etc.)	existent pages or	pages (e.g., 404 Not
TC010	XI 'C ID'	simulate server errors	Found) should display
TC019	Verify 'Privacy	Navigate to the	Page should display
	Policy' page	Privacy Policy page	the company's
			privacy policy
TEC020	X 'C ITD 1	NT 1 / / / T	information
TC020	Verify 'Terms and	Navigate to the Terms	Page should display
	Conditions' page	and Conditions page	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	Resize the browser	Website should adjust
	responsiveness of the	window or open the	layout appropriately
	website	site on different	for different screen
		devices	sizes
TC002	Verify intuitive	Navigate through the	Navigation should be
	navigation	website using the	intuitive and user-
		main navigation menu	friendly
TC003	Verify readability and	Review the text on	Text should be
	font size	various pages	readable with
			appropriate font size
			and contrast
TC004	Verify form field	Check all forms on	Form fields should
	labels and instructions	the website	have clear labels and
			instructions for filling
			out
TC005	Verify consistency in	Compare the design	Design should be
	design	elements across	consistent in terms of
		different pages	colors, fonts, and
			layout

Performance Testing

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

Security Testing

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

Compatibility Testing

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

Content Verification

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

Error Handling

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