

Requirements			Test case ID		
REQ1	Web Hosting	Portal uptime: 99.9%.	TC-001, TC-002		
REQ2		Hosting should have geographically separated data centers on at least two continents (American and European).			Feature is not developed yet or no access
REQ3		Support team availability 24/7 with the option to contact through service tickets with prioritization.	TC-003, TC-004, TC-005, TC-006, TC-007		
REQ4	Mobile Version	Mobile version adapted for Chrome and Mozilla browsers for Android.	<a href="#">TC-008</a>		Test case TBA
REQ5		Mobile version adapted for Safari browser for iOS.	<a href="#">TC-009</a>		
REQ6	Website design aligned with the theme	CMS console for updating website elements.			
REQ7		Mockups are aligned with the website theme.			
REQ8	Frontend	Responsive design for various screen sizes including smartphones, tablets, and desktops	TC-008, TC-009, TC-010		
REQ9		Ability to add maximum 3 images at a time, in jpg and png formats up to 5 megabytes each.			
REQ10		website update capability for users without comprehensive understanding of front end.			
REQ11	Stable back end	Portal uptime: 99%, allowing 1% for maintenance.	TC-001, TC-002		
REQ12		System updates are possible only after coordination with the site staff.			
REQ13		Multi-level user database (2 copies for backup).			
REQ14		SQL database backup must be done daily.			
REQ15		Hosting provider staff are responsible for database administration.			
REQ16	Quick ordering process	Order placement is possible via phone number in a quick form.			
REQ17		Regular order form through registration with phone number and email can be used for placing an order	TC-011, TC-012		
REQ18		Feedback form for registration via Whatsapp or regular SMS.			
REQ19		Information about attached bank cards is encrypted and stored in the online store database.			

REQ20		Portal page uses https protocol with an updated SSL certificate.	<a href="#">TC-013</a>		
REQ21		Internal pages support https protocol with an updated SSL certificate.	<a href="#">TC-013</a>		
REQ22		User authentication can be done through portal authorization elements.	<a href="#">TC-014</a>		
REQ23	User Security and Safe Payments	Apple Pay and Google Pay are integrated.			
REQ24		Information about each electric transport model is provided with a detailed description.	<a href="#">TC-016</a>		
REQ25	Detailed description of each product	User feedback form is available for end users if technical specifications are incorrect.			
REQ26		Registration form does not permit users under 13 years old to sign up for a test drive (age validation).			
REQ27	Test Drive Registration	Test drive registration via phone number is open to anyone.			
REQ28		Registration form is available for the customers requiring warranty support.			
REQ29		Quick registration form via phone number is available for non-warranty service.			
REQ30	Service center registration for the users that purchased the product	Registration for non-warranty support for users who purchased the compatible model from another supplier.			
REQ31		Reviews can be provided by any registered user.			
REQ32		Product rate is present in each product entry.			
REQ33	Product reviews	Product rate is based on the rating scale.			
REQ34		Informational newsletters with recommendations are sent to users who made a purchase.			
REQ35		Reminders about the end of warranty support to the users who registered a purchased product.			
REQ36		Notifications about viewed products are sent to the registered users.			
REQ37	Individual product recommendations	Reminders about unpaid items in the cart are sent to the registered users.			
REQ38		YouTube video hosting is integrated into the website	<a href="#">TC-015</a>		
REQ39		Access for editing and adding videos to the hosting channel is limited only to the website support staff.			

REQ40	Video hosting integration	Users who purchased a product can submit unpacking video links to the website administrator.			
REQ41	Website must have technical analytics tools	SEO tools are integrated.			
REQ42		Analytics and portal statistics are handled by the marketing team or business analysts.			
REQ43		SEO specialist support by developers is available for tool integration.			

Test Suites								
Launching the portal	<a href="#">TC-001</a>	<a href="#">TC-002</a>	<a href="#">TC-013</a>					
Authorization	<a href="#">TC-014</a>	<a href="#">TC-017</a>						
Main functions	<a href="#">TC-003</a>	<a href="#">TC-004</a>	<a href="#">TC-005</a>	<a href="#">TC-006</a>	<a href="#">TC-007</a>	<a href="#">TC-011</a>	<a href="#">TC-012</a>	<a href="#">TC-015</a>
Navigation	<a href="#">TC-014</a>							
Display and rendering	<a href="#">TC-009</a>	<a href="#">TC-016</a>						
Device and browser compatibility	<a href="#">TC-010</a>	<a href="#">TC-008</a>	<a href="#">TC-018</a>					

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<b>Test Case ID</b>		TC-001	<b>Test Case Description</b>		[Web Hosting] Verify performance of online store with 50 concurrent users				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Not executed				
<b>Test type</b>	Load								
<b>Objective</b>		To evaluate the performance of the portal under a load of 50 concurrent users.							
<b>Environment</b>	Operating System: Ubuntu 22.4								
	Java Runtime Environment (JRE): v11 or higher								
	Apache JMeter:v5.5 or higher								
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	The online store is up and running.			1	Thread Group: Number of Threads: 50, Ramp-Up Period: 60 seconds				
2	JMeter is installed and configured.			2	HTTP Request Sampler: <a href="https://prometheusqastage1.wixsite.com/skybot">https://prometheusqastage1.wixsite.com/skybot</a> , HTTP Request method: GET				
3	A load testing script is available.			3	Listeners: View Results Tree, Graph Results, Aggregate Report				
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>	<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>			
1	Click the Start button to run the test.		The test is launched successfully.						
2	Observe the response times displayed in the Graph Results listener.		The response time is between 100 and 200 ms.						
3	Observe the error rate displayed in the Aggregate Report listener.		Error rate - less than 1%.						

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<b>Test Case ID</b>		TC-002	<b>Test Case Description</b>		[Web Hosting] Verify website performance under various network conditions				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Fail				
<b>Test type</b>	Performance								
<b>Objective</b>		To assess website performance under different simulated network conditions, emulating varying internet speeds.							
<b>Environment</b>	Operating System: Ubuntu 22.4								
	Google Chrome v119.0.6045.199								
	Chrome DevTools Version: 119.0.6045.199								
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Launch Google Chrome and navigate to <a href="https://prometheusqastage1.wixsite.com/skybot">https://prometheusqastage1.wixsite.com/skybot</a>			1	<a href="https://prometheusqastage1.wixsite.com/skybot">https://prometheusqastage1.wixsite.com/skybot</a>				
2	Open Chrome DevTools using F12 or right-clicking on the page and selecting "Inspect."								
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>		<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>		
1	Click the "Network Throttling" drop-down menu, select "No throttling", and reload the page		The page is reloading.		The reloaded successfully.		Pass		
2	Observe page load time.		The reload time is < 3000 ms		The page loaded in 2420 ms		Pass		
3	Click the "Network Throttling" drop-down menu, select "Slow 3G", and reload the page		The page is reloading.		The reloaded successfully.		Pass		
4	Observe page load time.		The reload time is 30s		The reload time is 40.47s		Fail		
5	Click the "Network Throttling" drop-down menu, select "Fast 3G", and reload the page		The page is reloading.		The reloaded successfully.		Pass		
6	Observe page load time.		The reload time is < 19s		The reload time is 25.18s		Fail		
7	Click the "Network Throttling" drop-down menu, select "4G", and reload the page		The page is reloading.		The reloaded successfully.		Pass		
8	Observe page load time.		The reload time is < 2000 ms		The reload time is 12.84s		Fail		

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<b>Test Case ID</b>		TC-003	<b>Test Case Description</b>		[Web Hosting] Testing the support availability via "Let's chat" feature				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Fail				
<b>Test type</b>	Functional								
<b>Objective</b>		Verify that in "Let's chat" feature support is available 24/7							
<b>Environment</b>		Operating System: Windows 11							
		Google Chrome v119							
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Launch Google Chrome and navigate to <a href="https://prometheusqastage1.wixsite.com/skybot">https://prometheusqastage1.wixsite.com/skybot</a>			1	<a href="https://prometheusqastage1.wixsite.com/skybot">https://prometheusqastage1.wixsite.com/skybot</a>				
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>		<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>		
1	Click on "Let's chat" button located on the bottom right.		The chat window is shown.		The chat window is expanded.		Pass		
2	Enter a message in English.		The message is sent.		The message is sent.		Pass		
3	Expect a response from a support team member.		The user is greeted by a member of support team within 5 mins.		The automated response asks to leave the name and email and leave a message without any further response from support member.		Fail		

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<b>Test Case ID</b>		TC-004	<b>Test Case Description</b>		[Web Hosting] Testing uploading in "Let's chat" feature				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Fail				
<b>Test type</b>	Functional								
<b>Objective</b>		Verify that the jpg files can be uploaded to chat and sent separately.							
<b>Environment</b>	Operating System: Ubuntu 22.4								
	Google Chrome v119								
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Launch Google Chrome and navigate to <a href="https://prometheusqastage1.wixsite.com/skybot">https://prometheusqastage1.wixsite.com/skybot</a>			1	<a href="https://prometheusqastage1.wixsite.com/skybot">https://prometheusqastage1.wixsite.com/skybot</a>				
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>	<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>			
1	Click on "Let's chat" button located on the bottom right.		The chat window is shown.	The chat window is expanded.		Pass			
2	Upload the jpg file.		The file is uploaded successfully and not sent.	The file is uploaded and sent to chat.		Fail			
3	Once the image is uploaded, click "Send".		The image is sent to chat.	The function to just upload the image without sending it does not exist.		Fail		Recording 01_12 screen-capture.w	



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<b>Test Case ID</b>		TC-005	<b>Test Case Description</b>		[Web Hosting] Empty Fields - Verify error handling for invalid Contact Support form submissions.				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Fail				
<b>Test type</b>	Functional								
<b>Objective</b>		To ensure that the contact form correctly identifies and prevents invalid submissions due to empty fields.							
<b>Environment</b>		Operating System: macOS Big Sur							
		Google Chrome v119							
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Access <a href="https://prometheusqastage1.wixsite.com/skybot/blank-4">https://prometheusqastage1.wixsite.com/skybot/blank-4</a>			1					
2	Verify that all fields (First Name, Last Name, Email, Choose an Issue, Message) are present.			2					
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>		<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>		
1	Leave all fields empty and click the "Get in touch" button.		An error message should be displayed for each empty field, prompting the user to enter the required information.		Only email field is shown as a required field.		Fail		Screenshot 2023

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Test Case ID		TC-006	Test Case Description		[Web Hosting] Invalid Email Format - Verify error handling for invalid Contact Support form submissions.				
Version		MVP v1.0	Test Case Status		Pass				
Test type	Functional								
Objective		To ensure that the contact form correctly identifies and prevents invalid submissions due to incorrect email format.							
Environment		Operating System: macOS Big Sur							
		Google Chrome v119							
#	Prerequisites:			#	Test Data				
1	Access <a href="https://prometheusqastage1.wixsite.com/skybot/blank-4">https://prometheusqastage1.wixsite.com/skybot/blank-4</a>			1					
2	Verify that all fields (First Name, Last Name, Email, Choose an Issue, Message) are present.			2					
Test Conditions									
Step #	Step Details		Expected Results		Actual Results		Pass / Fail / Not executed / Blocked		
1	Enter valid first and last names.		The first and last name are entered in the fields.		The first and last name are entered in the fields.		Pass		
2	Enter an invalid email address (missing "@" symbol, invalid domain name).		The field is highlighted red.		The field is highlighted red.		Pass		
3	Select an issue from the drop-down menu.		The menu shows the list of issues and saves the selected issue in the field.		The menu is shown and the selected issue is saved in the field.		Pass		
4	Enter a brief message in the body of the message.		The message is saved in the field.		The message is visible in the field.		Pass		
5	Click the "Get in Touch" button.		The error message is shown to the user near the email field asking to enter a valid email.		The error message is shown to the user near the email field asking to enter a valid email.		Pass		

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Test Case ID		TC-007	Test Case Description		[Web Hosting] Verify successful submission of a contact form				
Version		MVP v1.0	Test Case Status		Pass				
Test type	Functional								
Objective		To ensure that the contact form successfully processes and sends messages with valid data entry.							
Environment		Operating System: macOS Big Sur							
		Google Chrome v119							
#	Prerequisites:			#	Test Data				
1	Access <a href="https://prometheusqastage1.wixsite.com/skybot/blank-2">https://prometheusqastage1.wixsite.com/skybot/blank-2</a>			1					
2	Verify that all fields (Name, Email, Subject, Message) are present.			2					
Test Conditions									
Step #	Step Details		Expected Results		Actual Results		Pass / Fail / Not executed / Blocked		
1	Enter a valid name.		A valid name should be displayed in the "Name" field.		The name is shown in the "Name" field.		Pass		
2	Enter a valid email address.		A valid email address should be displayed in the "Email" field.		The email is shown in the "Email" field.		Pass		
3	Enter a concise subject line.		A concise subject line should be displayed in the "Subject" field.		The subject is shown in the "Subject" field.		Pass		
4	Compose a detailed message in the body of the message.		The message should be displayed in the "Message" field.		The message is shown in the "Message" field.		Pass		
5	Click the "Submit" button.		The "Submit" button should change its state to indicate processing.		The "Submit" button changes from black to grey.		Pass		
6	Observe if a success message is displayed indicating the message has been sent.		A success message should be displayed, confirming the message has been sent successfully.		The message "Thanks for submitting!" is shown.		Pass		

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<b>Test Case ID</b>		TC-008	<b>Test Case Description</b>		[Mobile version] Verify mobile version rendering and functionality in Chrome browser for Android				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Fail				
<b>Test type</b>	Compatibility								
<b>Objective</b>		To ensure that the mobile version of the website renders and functions correctly within the Chrome browser on Android devices.							
<b>Environment</b>	Android 10								
	EMUI 12.0								
	Chrome 119								
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Install Chrome browser on an Android device.			1					
2	Open mobile version of the website in Chrome browser.			2					
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>		<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>		
1	Observe layout and alignment of website elements on Android device.		Website renders consistently with desktop version.		The header is not hyperlinked.		Fail		
2	Verify color scheme, fonts, and typography consistency.		Elements scaled and positioned correctly for Android screen.		On the Home page, the test drive option and the signup form on the bottom have different fonts. On the Careers page, the images are too close to each other and the job titles are not readable.		Fail		
3	Check image, graphic, and interactive element display.		Images, graphics, and interactive elements display cleanly.		On the Home page, the contact form is not centered.		Fail		
4	Navigate through website using touch gestures.		Touch gestures navigate website smoothly.		The touch navigation of the website is smooth.		Pass		
5	Verify responsiveness of links, buttons, and interactive elements.		Links, buttons, and interactive elements work without errors.		The Skybot logo is not linked to the home page.		Fail		
6	Check orientation adaptation (portrait/landscape).		Website adapts to both orientations intuitively.		The website adapts to orientations smoothly.		Pass		

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<b>Test Case ID</b>		TC-009	<b>Test Case Description</b>		[Mobile version] Verify mobile version rendering and functionality in Chrome browser for Android				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Not executed				
<b>Test type</b>	Compatibility								
<b>Objective</b>	To ensure that the mobile version of the website renders and functions correctly within the Safari browser on iOS devices.								
<b>Environment</b>	iPhone 7								
	iOS 15.8								
	Safari								
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Open mobile version of the website in Safari browser.			1					
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>	<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>			
1	Observe layout and alignment of website elements on Android device.		Website renders consistently with desktop version.						
2	Verify color scheme, fonts, and typography consistency.		Elements scaled and positioned correctly for Android screen.						
3	Check image, graphic, and interactive element display.		Images, graphics, and interactive elements display cleanly.						
4	Navigate through website using touch gestures.		Touch gestures navigate website smoothly.						
5	Verify responsiveness of links, buttons, and interactive elements.		Links, buttons, and interactive elements work without errors.						
6	Check orientation adaptation (portrait/landscape).		Website adapts to both orientations intuitively.						

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<b>Test Case ID</b>		TC-010	<b>Test Case Description</b>		[Frontend] Verify responsive design for tablets				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Not executed				
<b>Test type</b>	Compatibility								
<b>Objective</b>		To ensure that the website's layout and design adapt seamlessly to the tablet screen size and provide an optimal user experience.							
<b>Environment</b>	Safari browser								
	iPad 6								
	iPadOS 17.1.1								
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	none			1	none				
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>	<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>			
1	Open the website in Safari in portrait and landscape mode.		The website's layout should adjust appropriately for the iPad 6 screen size in both portrait and landscape modes.						
2	Rotate the device between portrait and landscape orientations.		The website's layout should dynamically adjust to the changed orientation, ensuring optimal viewing and interaction.						
3	Observe the text size and line height in both portrait and landscape modes.		Text should be legible and easily readable, with appropriate font sizes and line heights for both portrait and landscape viewing.						
4	Interact with various elements on the website, such as buttons, menus, and form fields.		Interactive elements should respond promptly and accurately to touch gestures.						

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<b>Test Case ID</b>		TC-011	<b>Test Case Description</b>		Verify cart quantity limit for adding items beyond the maximum allowed quantity				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Not executed				
<b>Test type</b>	Functional								
<b>Objective</b>		To ensure the shopping cart system correctly handles attempts to add items beyond the specified maximum quantity limit.							
<b>Environment</b>		Operating System: macOS Big Sur							
		Google Chrome v119							
<b>#</b>	<b>Prerequisites:</b>				<b>#</b>	<b>Test Data</b>			
1	Access the product page of an item with sufficient stock availability.				1				
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>		<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>		
1	Enter a quantity of 100000 in the "Quantity" field.		The "Add to Cart" button should be disabled and there should be an error message warning about the limit.						
2	Click on the "Add to Cart" button while the error message is displayed.		The error message should remain and the item should not be added to the cart.						

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<b>Test Case ID</b>		TC-012	<b>Test Case Description</b>		Verify successful order placement process				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Not executed				
<b>Test type</b>	Functional								
<b>Objective</b>		To ensure that the order placement process is functional, secure, and guides users through the checkout steps seamlessly.							
<b>Environment</b>		Operating System: macOS Big Sur							
		Google Chrome v119							
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Access the website's home page.			1	-				
2	Verify that the website is functioning correctly and all pages are accessible.								
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>	<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>			
1	Navigate to the product page.		Product details and add to cart button button are shown.						
2	Add the product to the cart.		The cart slides from the right side of the screen with the added product.						
3	Click "Go to checkout"		Checkout page is shown.						
4	Enter valid shipping and billing info.		Valid info validated, accurate details are shown.						
5	Select shipping method and payment option.		Selected method and option applied, updated total.						
6	Click "Place the order"		Order processed, confirmation message or page.						



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<b>Test Case ID</b>		TC-013	<b>Test Case Description</b>		Verify SSL certificate usage for secure browsing				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Pass				
<b>Test type</b>	Security								
<b>Objective</b>		To ensure that the website uses a valid SSL certificate to protect user data and communications.							
<b>Environment</b>		Operating System: Ubuntu 22.4							
		Google Chrome v119							
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Open the Security tab in Chrome Developer Tools.			1	-				
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>	<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>			
1	Go to the home page of the website.		The main page is shown.	The main page is shown.		Pass			
2	Click on the "View Certificate" button under the "Connection" section.		The "Certificate" panel should open, displaying the website's valid SSL/TLS certificate details.	The page uses a valid SSL certificate.		Pass			

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<b>Test Case ID</b>		TC-014	<b>Test Case Description</b>		Verify seamless login via Gmail with existing Google session				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Pass				
<b>Test type</b>	Security								
<b>Objective</b>		To ensure that users who are already logged into their Google accounts can seamlessly log in to the website using their Gmail credentials without explicitly logging in again.							
<b>Environment</b>		Operating System: Ubuntu 22.4							
		Google Chrome v119							
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Ensure that the user is already logged into their Google account in their browser.			1	Google account login				
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>	<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>			
1	Go to the Members page of the website.		The page opens with the login button.	The login page opens.		Pass			
2	Click 'Log in'.		The pop up appears offering to sign up via Google, Facebook or email. The option to login if user is existing member is shown	The pop up window with signup options through Google, Facebook and email and the login link is displayed.		Pass			
2	Click 'Log in'.		The pop up window changes to the login window with options to log in via Google, Facebook and email.	The pop up window with login options through Google, Facebook and email and the login link is displayed.		Pass			
3	Click "Log in with Google"		The popup closes and the new window appears with user's gmail account to log in with.	The new window with the email option is shown.		Pass			
4	Click on the email account.		The login window is closed. The user should be automatically logged in to the website using their Gmail credentials and redirected to the appropriate page or dashboard within the website.	The window is closed; user is logged into the website account; the member list is shown.		Pass			

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Test Case ID		TC-015	Test Case Description		Verify YouTube video embed integration and user permissions				
Version		MVP v1.0	Test Case Status						
Test type	Security								
Objective		To ensure that YouTube videos embedded on the website are displayed correctly and that users can interact with the videos only through the YouTube player controls.							
Environment		Operating System: Ubuntu 22.4							
		Google Chrome v119							
#	Prerequisites:			#	Test Data				
1	Go to the home page and scroll down to the video.			1					
2	Verify that the video is embedded.								
Test Conditions									
Step #	Step Details		Expected Results	Actual Results		Pass / Fail / Not executed / Blocked			
1	Play the embedded YouTube video.		The video should start playing seamlessly.	The video plays seamlessly.		Pass			
2	Pause the video.		The video should pause playback.	The video is paused.		Pass			
3	Adjust the video playback speed to 1.5.		The video should play at 1.5x speed.	The playback speed is changed to 1.5x		Pass			
4	Change the video playback quality to 1080p.		The video should switch to 1080p resolution.	The quality is changed 1080p.		Pass			

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Test Case ID		TC-016	Test Case Description		Verify accurate and well-formatted product page content.				
Version		MVP v1.0	Test Case Status		Not executed				
Test type	Content validation								
Objective	To ensure that product pages display accurate, up-to-date, and well-formatted information for all products.								
Environment	Operating System: Ubuntu 22.4								
	Google Chrome v119								
#	Prerequisites:				#	Test Data			
1	Access the website's home page.				1				
2	Navigate to a selection of product pages representing different product categories.								
Test Conditions									
Step #	Step Details		Expected Results		Actual Results		Pass / Fail / Not executed / Blocked		
	Click on Skybot Extreamer.		The product page is shown.						
	Verify that the product name displayed on the product page matches the actual product name.		The product name should match the actual product name and be free of errors or typos.						
	Check that the product description provides clear, concise, and accurate information about the product's features, specifications, and intended use.		The product description should be comprehensive, informative, and free of grammatical errors or misleading statements.						
	Verify that the product images displayed on the page are of high quality, clear, and accurately represent the product.		Product images should be high-resolution, well-lit, and clearly show the product's details.						
	Verify that the product specifications and attributes listed on the page are accurate, consistent, and correspond to the actual product features.		Product specifications and attributes should be accurate, up-to-date, and aligned with the actual product's features.						

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<b>Test Case ID</b>		TC-017	<b>Test Case Description</b>		Verify XSS attack prevention in login form				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Not executed				
<b>Test type</b>	Security								
<b>Objective</b>		To ensure that the login form is protected against cross-site scripting (XSS) attacks.							
<b>Environment</b>		Operating System: Ubuntu 22.4							
		Chrome v119							
<b>#</b>	<b>Prerequisites:</b>			<b>#</b>	<b>Test Data</b>				
1	Access the website's Member page.			1					
2	Chrome DevTools v119								
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>	<b>Expected Results</b>		<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>			
	Access the login page of the target website.	The login page should be displayed correctly.							
	Click on the "Log in" button.	The user should be presented with options to login via email, Gmail, or Facebook.							
	Click on the "Login via email" option.	A login form should appear prompting the user to enter their email address and password.							
	Check the Lighthouse report in DevTools, scroll to Best Practices, trust and safety section.	The list recommended improvements should be provided if required.							
	Verify that the Content Safety Policy is implemented under Passed Audits.	The CSP policy is implemented.							

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<b>Test Case ID</b>		TC-018	<b>Test Case Description</b>		Verify seamless and quick page transitions on Android 10 with 4G network				
<b>Version</b>		MVP v1.0	<b>Test Case Status</b>		Not executed				
<b>Test type</b>	Security								
<b>Objective</b>		To ensure that the user can seamlessly and quickly navigate between different pages on an Android 10 device with a 4G network connection.							
<b>Environment</b>	Android 10 device with 4G network connection.								
	Chrome browser								
<b>#</b>	<b>Prerequisites:</b>								
1	The website is accessible.								
2	Android Profiler installed and configured.								
<b>Test Conditions</b>									
<b>Step #</b>	<b>Step Details</b>		<b>Expected Results</b>		<b>Actual Results</b>		<b>Pass / Fail / Not executed / Blocked</b>		
	Open the website.		The website should launch seamlessly without any delays or errors.						
	Tap on the hamburger menu icon in the top right corner of the screen.		The hamburger menu should open smoothly without any delays or jankiness.						
	Monitor the device's TTI (Time to Interactive) using Android Profiler.		The average TTI for the hamburger menu should be less than 250 milliseconds.						
	Verify that the menu items are visible.		All menu items should be displayed correctly and should respond to taps without any delay.						
	Select the "About" option from the menu.		The About page should load smoothly without any delays or jankiness.						
	Monitor the device's TTI and FCP (First Contentful Paint) using Android Profiler.		The average TTI for the about page should be less than 300 ms; FID - 400 ms.						