

Test Case ID
Project Name: S

Feature	Test Case ID	Test Case Type	Test Case Description
Register	TC_001	UI/UX	Verify successful user registration with valid details
	TC_002	UI/UX	Verify registration fails with already used email
	TC_003	UI/UX	Verify registration fails with invalid email format
	TC_004	UI/UX	Verify registration fails with weak password
	TC_005	UI/UX	Verify registration fails if mandatory fields are left empty
	TC_006	UI/UX	Verify that password must match confirmation password

	TC_007	UI/UX	Verify user is redirected to login page after successful registration
	TC_008	UI/UX	Verify registration with optional fields (e.g., phone number)
	TC_009	UI/UX	Verify terms and conditions must be accepted to register
	TC_010	UI/UX	Verify registration with different browsers
	TC_011	UI/UX	Verify user can successfully sign in with valid credentials
	TC_012	UI/UX	Verify sign-in fails with incorrect password
	TC_013	UI/UX	Verify sign-in fails with unregistered email

Sign In	TC_014	UI/UX	Verify sign-in fails with empty email or password field
	TC_015	UI/UX	Verify that sign-in is successful with multiple tabs open
	TC_016	UI/UX	Verify login attempts are limited after multiple failed attempts
	TC_017	UI/UX	Verify user can log in with email in different case (e.g., uppercase)
	TC_018	UI/UX	Verify new user registration with valid details
	TC_019	UI/UX	Verify new user registration fails with missing required fields
	TC_020	UI/UX	Verify new user registration fails with invalid details

New User Registration	TC_021	UI/UX	Verify registration process works on mobile devices
	TC_022	UI/UX	Verify that the registration page is responsive
	TC_023	UI/UX	Verify user can register with social media accounts
	TC_024	UI/UX	Verify user receives error messages in all fields when all fields are left empty
	TC_025	UI/UX	Verify the purchase process works with a valid credit card
	TC_026	UI/UX	Verify purchase fails with invalid credit card number
	TC_027	UI/UX	Verify purchase fails with expired credit card

Purchase Process	TC_028	UI/UX	Verify purchase fails with insufficient funds
	TC_029	UI/UX	Verify user can purchase multiple items in one transaction
	TC_030	UI/UX	Verify user can cancel a purchase after placing the order
	TC_031	UI/UX	Verify user receives confirmation of successful purchase
	TC_032	UI/UX	Verify purchase process with different payment methods (e.g., PayPal)
Video Recording	TC_033	UI/UX	Verify user can successfully record a video
	TC_034	UI/UX	Verify user can replay a recorded video
	TC_035	UI/UX	Verify user can share a recorded video

	TC_036	UI/UX	Verify video recording quality settings can be adjusted
7. Products (Bikes, Jackets, Helmets, Gloves)	TC_037	UI/UX	Verify user can view all bikes in the product listing
	TC_038	UI/UX	Verify user can view product details of a selected bike
	TC_039	UI/UX	Verify user can view all jackets in the product listing
	TC_040	UI/UX	Verify user can view all helmets in the product listing
	TC_041	UI/UX	Verify user can view all gloves in the product listing
	TC_042	UI/UX	Verify user can filter products by category
	TC_043	UI/UX	Verify user can sort products by price
	TC_044	UI/UX	Verify user can view product images in a carousel
	TC_045	UI/UX	Verify user can view related products on a product details page

Performance Testing	TC_046	UI/UX	Verify application loads within acceptable time frame
	TC_047	UI/UX	Verify application handles multiple users concurrently
	TC_048	UI/UX	Verify application performance on different devices
	TC_049	UI/UX	Verify application maintains stability during long sessions
	TC_050	UI/UX	Verify the Estimate Payment button working properly
	TC_051	UI/UX	Verify theDetailed Specs button working properly
	TC_052	UI/UX	Verify the SCHEDULE A TEST RIDE button working properly
	TC_053	UI/UX	Verify the Compare This Bike button working properly
	TC_054	UI/UX	Verify application performance with different network conditions

Security Testing	TC_055	UI/UX	Verify user passwords are stored securely
	TC_056	UI/UX	Verify user is notified of unauthorized access attempts
Compatibility Testing	TC_057	UI/UX	Verify application compatibility with major browsers
	TC_058	UI/UX	Verify application compatibility with different operating systems
	TC_059	UI/UX	Verify application compatibility with different devices
	TC_060	UI/UX	Verify application compatibility with different screen resolutions
	TC_061	UI/UX	Verify application functionality on different mobile operating systems
	TC_062	UI/UX	Verify application compatibility with various internet browsers
	TC_063	UI/UX	Verify application behavior under various network conditions

	TC_064	UI/UX	
SCHEDULE A TEST RIDE	TC_065	UI/UX	Verify user can successfully schedule a test ride for a bike
	TC_066	UI/UX	Verify error message is displayed if test ride slots are unavailable
Contact Us	TC_067	UI/UX	Verify user can submit a query via the "Contact Us" form
	TC_068	UI/UX	Verify form submission is blocked if mandatory fields are missing
About Us	TC_069	UI/UX	Verify "About Us" page content is correctly displayed
	TC_070	UI/UX	Verify links in the "About Us" page are functional

Motorcycle Services	TC_071	UI/UX	Verify that the "Motorcycle Services" page loads successfully
	TC_072	UI/UX	Verify that the user can view available motorcycle service types (maintenance, repair, etc.)
	TC_073	UI/UX	Verify that the user can book a maintenance service appointment
	TC_074	UI/UX	Verify that booking fails if no service appointment slots are available
	TC_075	UI/UX	Verify that the user can cancel a scheduled motorcycle service
	TC_076	UI/UX	Verify that the user can reschedule a motorcycle service appointment
	TC_077	UI/UX	Verify that users can view their previous service history

	TC_078	UI/UX	Verify that the user can view service-related offers and promotions in the "Motorcycle Services" section
	TC_079	UI/UX	Verify that the user can add special instructions or notes when booking a service

Cases sheet

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Test Steps	Expected Result
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Navigate to the registration page. 3. Enter valid details (e.g., email, password, name). 4. Click "Register".	User is registered successfully, and a confirmation email is sent.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the registration page. 3. Enter an already registered email. 4. Click "Register".	An error message is displayed indicating that the email is already registered.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Navigate to the registration page. 3. Enter an invalid email format (e.g., "useremail.com"). 4. Click "Register".	An error message is displayed indicating an invalid email format.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2 Navigate to the registration page. 3. Enter a password that doesn't meet complexity requirements (e.g., "12345"). 4. Click "Register"	An error message is displayed indicating password requirements
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Navigate to the registration page. 2. Leave required fields (e.g., email or password) empty. 3. Click "Register".	An error message is displayed indicating that all required fields must be filled.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Enter a password in the "Password" field. 2. Enter a different password in the "Confirm Password" field. 3. Click "Register".	An error message is displayed indicating that the passwords do not match.

<p>1. Visit the URL On the browser https://harley-davidson-six.vercel.app/</p> <p>2.. After registration, verify redirection to the login page.</p>	<p>User is redirected to the login page with a success message.</p>
<p>1. Visit the URL On the browser https://harley-davidson-six.vercel.app/</p> <p>2. Fill out all required fields and leave optional fields empty.</p> <p>2. Click "Register".</p>	<p>User is registered successfully with optional fields left empty.</p>
<p>1. Visit the URL On the browser https://harley-davidson-six.vercel.app/</p> <p>2. Fill out all required fields.</p> <p>3. Leave the "Accept Terms" checkbox unchecked.</p> <p>4. Click "Register".</p>	<p>An error message is displayed indicating acceptance of terms is required.</p>
<p>1. Visit the URL On the browser https://harley-davidson-six.vercel.app/</p> <p>2. Navigate to the registration page on different browsers (e.g., Chrome, Firefox, Safari).</p> <p>3. Fill in valid details and click "Register".</p>	<p>Registration is successful on all browsers.</p>
<p>1. Visit the URL On the browser https://harley-davidson-six.vercel.app/</p> <p>2. Navigate to the login page.</p> <p>3. Enter valid email and password.</p> <p>4. Click "Sign In".</p>	<p>User is signed in successfully and redirected to their dashboard.</p>
<p>1. Visit the URL On the browser https://harley-davidson-six.vercel.app/</p> <p>2. Navigate to the login page.</p> <p>3. Enter the correct email but incorrect password.</p> <p>4. Click "Sign In".</p>	<p>An error message is displayed indicating incorrect password.</p>
<p>1. Visit the URL On the browser https://harley-davidson-six.vercel.app/</p> <p>2.. Navigate to the login page.</p> <p>3. Enter an unregistered email.</p> <p>4. Click "Sign In".</p>	<p>An error message is displayed indicating that the email is not registered.</p>

1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Leave either email or password empty. 3. Click "Sign In".	An error message is displayed indicating that both fields are required.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Open multiple tabs and sign in from one tab. 2. Navigate to another tab to see if the user is still logged in.	User remains signed in across all tabs.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Attempt to sign in with incorrect credentials multiple times (e.g., 5 times).	The account is temporarily locked after the specified number of failed attempts.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ Navigate to the login page. 2. Enter email in uppercase letters. 3. Enter valid password. 4. Click "Sign In".	User is successfully logged in despite case sensitivity.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the new user registration page. 3. Enter valid details. 4. Click "Submit".	New user is registered successfully.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Leave some mandatory fields (e.g., email or password) empty. 3. Click "Submit".	An error message is displayed indicating that required fields are missing.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Enter invalid details (e.g., invalid email format). 3. Click "Submit".	An error message is displayed indicating invalid input.

1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the registration page on a mobile browser. 3. Enter valid details. 4. Click "Register"	User is registered successfully on mobile.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Resize the browser window or use different devices. 3. Check the layout and functionality.	The registration page should be responsive and functional across different screen sizes.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Click on "Register with Facebook/Google". 3. Complete the social media login.	User is registered successfully using social media account.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Leave all fields empty. 3. Click "Register".	All required field error messages are displayed.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the checkout page. 3. Enter valid credit card details. 4. Complete the payment.	Payment is processed successfully, and the order is placed.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the checkout page. 2. Enter an invalid credit card number. 3. Attempt to complete the payment.	An error message is displayed indicating that the credit card number is invalid.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the checkout page. 2. Enter valid credit card details but with an expired date. 3. Attempt to complete the payment.	An error message is displayed indicating that the credit card is expired.

1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the checkout page. 2. Enter valid credit card details but with insufficient balance. 3. Attempt to complete the payment.	An error message is displayed indicating insufficient funds.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the checkout page. 2. Ensure multiple items are in the cart. 3. Complete the payment.	All items are purchased successfully in one transaction.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the order history. 2. Select the order and click "Cancel".	The order is canceled successfully.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Complete the purchase process. 2. Check the email inbox for a confirmation.	A purchase confirmation email is received.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the checkout page. 2. Select PayPal as the payment method. 3. Complete the payment.	Payment is processed successfully using PayPal.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Click the "Record" button. 2. Record a video. 3. Stop recording and save the video.	The video is saved successfully.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the recorded videos section. 2. Select a video and click "Play".	The video plays successfully.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the recorded videos section. 2. Select a video and click "Share". 3. Choose a sharing method (e.g., social media).	The video is shared successfully.

1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Change the video quality settings (e.g., from SD to HD). 2. Start a new recording.	Video is recorded with the selected quality settings.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the "Bikes" section.	All available bikes are displayed.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Click on a specific bike to view its details.	Detailed information about the bike is displayed.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the "Jackets" section.	All available jackets are displayed.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the "Helmets" section.	All available helmets are displayed.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the "Gloves" section.	All available gloves are displayed.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Use the filter options to select a category (e.g., "Bikes").	Only products in the selected category are displayed.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Use the sort options to select "Price: Low to High".	Products are displayed in ascending order of price.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to a product with multiple images.	Product images are displayed in a carousel format.
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Scroll down to the related products section.	Related products are displayed.

1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application. 2. Measure load time.	Application loads within 2 seconds.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Simulate multiple users accessing the application simultaneously. 2. Measure application performance.	Application remains responsive and performs without errors.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application on various devices (e.g., mobile, tablet, desktop). 2. Measure load times and responsiveness.	Application performs consistently across all devices.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Use the application for an extended period (e.g., several hours).	Application remains stable without memory leaks or performance degradation.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Check for the button available on home page.	User should be able to click on button and get further redirection
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1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application under various network conditions (e.g., 3G, 4G, Wi-Fi). 2. Measure load times and responsiveness.	Application performs adequately across all network conditions.

1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Attempt to access the user password storage. 2. Check password storage mechanism.	Passwords are hashed and salted.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Attempt unauthorized access to a user account.	User receives notification of the unauthorized access attempt.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application on major browsers (e.g., Chrome, Firefox)	Application performs consistently across all tested browsers.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application on different operating systems (e.g., Windows, macOS, Linux).	Application performs consistently across all tested operating systems.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application on various devices (e.g., mobile, tablet, desktop).	Application performs consistently across all devices.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Access the application on different screen resolutions.	Application displays correctly on all screen resolutions.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application on iOS and Android devices.	Application performs consistently across both mobile operating systems.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application using various internet browsers (e.g., Opera, Brave).	Application performs consistently across all tested browsers.
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Access the application under various network conditions (e.g., 3G, 4G, Wi-Fi).	Application remains functional across all network conditions.

1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.	
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the bike's product page. 2. Click "Schedule a Test Ride". 3. Select a time and location. 4. Confirm test ride.	Test ride is scheduled successfully, and the user receives a confirmation
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the bike's product page. 2. Attempt to schedule a test ride	Error message stating no available slots is displayed
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Fill in the "Contact Us" form with name, email, and query. 2. Submit the form.	Query is submitted successfully, and the user receives a confirmation message
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Attempt to submit the form without filling all mandatory fields.	Error message is displayed, and form is not submitted
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Navigate to the "About Us" page. 2. Check for correct company information and mission statement.	"About Us" content is displayed as per the design requirements
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Click on all links present in the "About Us" page.	"About Us" content is displayed as per the design requirements

1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Log into the application. 2. Navigate to the "Motorcycle Services" section. 3. Observe the loading of the page.	"Motorcycle Services" page loads without errors, and all service options are displayed
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the "Motorcycle Services" page. 2. View the different service types offered (e.g., maintenance, repair, upgrades).	Different service types are listed (e.g., maintenance, repairs, customizations)
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the "Motorcycle Services" page. 2. Select "Maintenance". 3. Choose an available date and time. 4. Confirm booking	Maintenance service appointment is booked successfully, and confirmation is sent
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Attempt to book a maintenance service. 3. Select a date with no available slots.	Error message is displayed, stating no available appointment slots
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.1. Navigate to the "My Appointments" section. 3. Select a scheduled service. 3. Click "Cancel".	The service is successfully canceled, and a cancellation confirmation is sent
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the "My Appointments" section. 2. Select a scheduled service. 3. Choose the "Reschedule" option. 4. Pick a new date and time. 5. Confirm the rescheduling.	Appointment is rescheduled, and confirmation is sent to the user
1. Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2. Navigate to the "Motorcycle Services" page. 3. Click on "Service History". 4. View the details of past services.	User is able to view their entire service history, including dates, services performed, and costs

1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Navigate to the "Motorcycle Services" page. 3. View any available offers or promotions	Offers and promotions related to services are displayed
1.Visit the URL On the browser https://harley-davidson-six.vercel.app/ 2.Navigate to the "Motorcycle Services" page. 3. Select a service. 4. Add special instructions or notes in the provided field. 5. Confirm the booking	Special instructions are added, and the booking is confirmed with the additional details

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