

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Product Listings Display	Navigate to the homepage, check product listings	Products should display with name, price, description, image	Products displayed correctly with all details	Pass	Medium	-	Products are correctly fetched from API
TC002	Cart Add Functionality	Add an item to the cart from the product listing	Item should be added to the cart and cart count updated	Item added successfully and cart count updated	Pass	High	-	Cart count updated correctly
TC003	Cart Remove Functionality	Remove an item from the cart	Item should be removed and cart count updated	Item removed successfully and cart count updated	Pass	High	-	Cart remove functionality works as expected
TC004	Product Detail Page	Click on a product and view its details	Product details (name, description, price) should be shown	Product details displayed correctly	Pass	High	-	Detail page content matches product listing
TC005	Form Validation for User Registration (Zod)	Enter invalid email or empty password in registration form	Error message for invalid data should appear	Invalid data caught, appropriate error messages displayed	Pass	High	-	Zod validation works as expected
TC006	Cross-Browser Compatibility (Chrome)	View marketplace on Google Chrome	Marketplace should render correctly in Chrome	Marketplace displays correctly	Pass	Low	-	Functional in Chrome
TC007	Cross-Browser Compatibility (Firefox)	View marketplace on Firefox	Marketplace should render correctly in Firefox	Marketplace displays correctly	Pass	Low	-	Functional in Firefox
TC008	Cross-Browser Compatibility (Safari)	View marketplace on Safari	Marketplace should render correctly in Safari	Marketplace displays correctly	Pass	Low	-	Functional in Safari
TC009	Cross-Browser Compatibility (Edge)	View marketplace on Microsoft Edge	Marketplace should render correctly in Edge	Marketplace displays correctly	Pass	Low	-	Functional in Edge
TC010	Mobile Responsiveness (Mobile View)	View marketplace on mobile	Layout should adjust correctly to fit the mobile screen	Layout adjusted correctly on mobile	Pass	Medium	-	Responsive across mobile devices
TC015	Mobile Responsiveness (Tablet View)	View marketplace on tablet	Layout should adjust correctly to fit the tablet screen	Layout adjusted correctly on tablet	Pass	Medium	-	Responsive across tablet devices
TC011	Error Handling on Failed API Call	Simulate a failed API call to fetch products	Error message should be displayed (e.g., "Failed to load products")	Error message displayed correctly	Pass	High	-	Error handling works with retries
TC011	Product Add Form Validation (Zod)	Submit product form with missing required fields	Form should not submit, validation errors should appear	Form validation works, error messages shown	Pass	High	-	Zod used for validation
TC012	Image Compression and Load Test	Load homepage with multiple product images	Images should load quickly without	Images compressed and loading quickly	Pass	Medium	-	Image optimization confirmed working