LaceVista | Automated Test Case Report (Mocha + Cypress)

# 1. Introduction

This document includes detailed test case definitions for backend unit testing using Mocha + Chai and front-end automation testing using Cypress. The aim is to verify key functionalities in the LaceVista e-commerce platform. This structure follows professional QA documentation practices and includes placeholders for screenshots.

# 2. Mocha + Chai Test Cases

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| --- | --- | --- | --- | --- | --- |
| Test ID | Test Description | Input | Expected Output | Actual Output | Status |
| TC-MC-001 | GET /signup - should load signup page | GET request to /signup | Status 200, HTML contains "Signup" | Status 200, "Signup" found | Passed |
| TC-MC-002 | POST /send-otp - should fail without email | POST { } | Status 400 | Status 400 | Passed |
| TC-MC-003 | POST /api/chatbot - valid chatbot reply | Message: "hello" | Status 200, JSON with text response | Status 200, text generated | Passed |
| TC-MC-004 | GET /cart - return cart page for logged-in user | GET /cart with session | Status 200, HTML contains "Cart" | Status 200, contains "Cart" | Passed |
| TC-MC-005 | GET / - should load home page | GET request to / | Status 200, HTML contains "Home" | Status 200, "Home" found | Passed |
| TC-MC-006 | GET /about - should load about page | GET request to /about | Status 200, HTML contains "About" | Status 200, "About" found | Passed |
| TC-MC-007 | POST /order/place - should reject order if cart is empty | POST to /order/place with no cart data | Status 400/401/500 | Returns error | Passed |
| TC-MC-008 | GET /admin/products - should load all products page | GET request to /admin/products | Status 200 | Status 200 with product list page | Passed |
| TC-CY-006 | Admin Product Page Access | Login as admin, visit /admin/products | Admin product list page loads | Products displayed successfully | Passed |
| TC-CY-007 | Visit Shop Page | Login as user, visit /shop | Shop page loads with available products | Shop page rendered with product list | Passed |

Screesnshots:



