

## **TEST PLAN ON FAVOURITES PAGE OF BROWSERSTACK DEMO WEBSITE:**

**Test plan identifier** = tp\_favorites\_bstackdemo\_2025\_v1

**Introduction** = Validate the functionality of adding and removing products to the Favourites list on the BrowserStack Demo product listing page; if the yellow heart icon is toggled, the product is added or removed from Favourites, otherwise the action should not register or display an error.

**Test items** = Product listing page, product, Add to cart button, Favorite (yellow heart) icon, Product count display, Navigation bar, Search bar, Price and installment information.

**Features to be tested** = Product details display, Add to cart functionality, Favorite icon toggle, Product count accuracy, Navigation links, Search functionality, Installment price display.

**Features not to be tested** = Backend payment process, Mobile responsiveness, Admin/backend features, Multilanguage support, Performance with large product lists. **Approach** = Manual testing using black box functional testing and UI testing techniques. Automation testing will be planned using Selenium WebDriver along with TestNG, Page Object Model (POM), and Cucumber BDD framework, Jenkins.

**Item pass/fail criteria** = A test case will be marked as pass if the actual result matches the expected result. It will be marked as fail if the outcome deviates from the expected behavior.

**Suspension criteria and resumption requirements** = Testing will be suspended if the website is inaccessible or the login module is under maintenance. Testing will resume once the site becomes available and stable.

**Test deliverables** = Test Plan, Test Cases, Test Report, Bug Report, Test Summary Report, Bug Analysis Report.

**Environmental needs** = Windows 11 PC, Chrome and Firefox browsers, stable internet connection.

**Responsibilities** = KOTHAPALLI SUMALATHA (prepare test cases and test analysis reports)

**Staffing and training needs** = Selenium WebDriver (testers should be trained in basic automation scripting)

**Schedule** = 01/09/2025

**Risks and contingencies** = No risks.

**Approvals** = VISHALI SONANIS.