

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

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

**Introduction** = Validate user authentication on the BrowserStack Demo sign in page. If valid credentials selected login successful else error message displayed.

**Test items** = username dropdown, password dropdown, login in button.

**Features to be tested** = Login with valid username and password, mandatory field validations, login button functionality, error message validation, password confirmation validation, dropdown selection.

**Features not to be tested** = Forgot password, social login options (Google) , captcha functionality, OTP delivery backend, user dashboard after login.

**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.