

## TEST PLAN ON LOGIN PAGE OF THOMAS COOK WEBSITE:

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

**Introduction** = Validate user authentication on the Thomas Cook login page. If valid credentials are provided (email and OTP), the user should be logged in successfully. If invalid credentials are entered, appropriate error messages should be displayed.

**Test items** = Email ID field, OTP field, Login button, OTP selection radio button, Sign-up link, Sign-up form fields (Title dropdown, First Name, Last Name, Email ID, Password, Confirm Password, Mobile Number), Register button, Privacy Policy link, opt-in checkbox.

**Features to be tested** = Login with valid email and OTP, mandatory field validations, login button functionality, error message validation, register form field validations, password confirmation validation, checkbox selection.

**Features not to be tested** = Forgot password (not available on UI), 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. Data-driven testing will be implemented using Apache POI for Excel integration.

**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 Scenarios, Test Cases, Requirement Traceability Matrix (RTM), Test Report, Bug Report, Test Summary Report, Bug Analysis Report.

**Environmental needs** = Windows 11 PC, Chrome and Firefox browsers, Excel, 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 current risks. Any server downtime or major UI changes may delay execution.

**Approvals** = Vishali Sonanis.