**Test Plan on Flight Selection Module (PHPTravels)**

* **Test plan identifier:** TP\_Flight\_Selection\_2025\_v5
* **Introduction:** This plan verifies that users can view available flights, review details such as airline, schedule, stops, and pricing, use filters and sorting options, and select a flight to continue with the booking process.
* **Test items:** Modify Search option, Sorting (Lowest to Highest / Highest to Lowest), Stops filter (All/Direct/One Stop/Two Stops), Duration, Flights list, Airline name, Departure & Arrival times, Details dropdown, Price range, Select Flight button, Airline options.
* **Features to be tested:** Accuracy of flight details, filters, sorting, timer, flight selection, Modify Search option, sorting (Lowest to Highest / Highest to Lowest), Stops filter, Duration, Flights list, Airline name, Departure & Arrival times, Details dropdown, Price range, and navigation to the next booking step
* **Features not to be tested:** External advertisements, newsletter subscription.
* **Approach:** Automation testing.
* **Item pass/fail criteria:** A test passes if flights are displayed correctly, filters and sorting function properly, and the user can select a flight to move to the passenger information page. It fails if flight details are missing/incorrect, filters/sorting do not work, or the selected flight is not carried forward to the next step.
* **Suspension criteria and resumption requirements:** 28/8/2025 suspension.
* **Test deliverables:**
  + Test case documents
  + Test reports
  + Test plan
  + Test summary report
  + Test bug report & analysis report
  + Review documents
  + Bug analysis report etc.
* **Environmental needs:** Windows 11pc, Test link (URL), Excel/Word, Browser (Chrome & Firefox), Mobile browser, stable network.
* **Responsibilities:** Rohith Chekurthi(prepare test cases & reports)
* **Staffing and training needs:** Selenium WebDriver.
* **Schedule:** 28/8/2025.
* **Risks and contingencies:** Possible issues include flight availability mismatch, timer expiring before selection, and pricing discrepancies.
* **Approvals:** Manager.