# Test Plan Document for Expedia.com

## 1. Test Plan Identifier

Test Plan ID: TP-EXPEDIA-001

Project Code: Data Forntiet-069

Created By: [Abhishek Maurya]

Creation Date: [12-11-2024]

## 2. Introduction

Purpose: This Test Plan Document is created to verify the functionalities and user experience of Expedia.com.

Scope: Testing core functionalities of Expedia, such as flight booking, hotel booking, car rentals, etc.

Objectives:

- To test all modules to ensure they are working correctly.

- To improve user experience.

- To identify and fix potential issues.

## 3. Test Objectives

Functional testing of all core features (e.g., flight search, hotel booking, etc.)

Usability testing for seamless user experience

Performance testing for load handling and speed

Security testing to protect user data

## 4. Test Scope

In Scope: Functionalities like booking, search, checkout process, and customer support.

Out of Scope: Third-party payment gateway performance.

## 5. Test Approach

Functional Testing: Verify all modules using both manual and automated approaches.

Usability Testing: Ensure easy navigation and user experience.

Performance Testing: Test the site's speed and responsiveness.

Security Testing: Conduct vulnerability testing for user data security.

## 6. Test Criteria

Entry Criteria:

- All requirements documents are clear.

- Test environment is available.

- Test data is prepared.

Exit Criteria:

- All critical bugs are resolved.

- All test cases have passed.

- Product stability is ensured.

## 7. Test Deliverables

Test Cases

Test Summary Report

Defect Report

Test Data

## 8. Test Schedule

Start Date: [12-11-2024]

End Date: [16-11-2024]

Detailed schedule of each module testing.

## 9. Resources

Tools: Selenium (for automated testing), JMeter (for performance testing), OWASP ZAP (for security testing)

Team Members: QA Engineer(s), Test Manager, Developer (for fixing bugs)

## 10. Risks and Mitigations

Risk: Late requirements changes

- Mitigation: Regular communication with stakeholders.

Risk: Environment downtime

- Mitigation: Backup environment set up.

## 11. Approvals

Approved by: [Anjali saw]

Approval Date: [16-11-2024]

## 12. 5-Day Work Schedule

Day 1: Review and understand the requirements of Expedia.com and finalize the Test Plan Document.

Day 2: Develop test cases for core functionalities such as flight search, hotel booking, and car rentals.

Day 3: Execute functional and usability tests on the developed test cases.

Day 4: Conduct performance testing (speed, responsiveness) and security testing for user data protection.

Day 5: Document results, prepare defect reports, and finalize the Test Summary Report.