

# Test Plan

ADACTIN Application

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## Test Plan for Adactin Hotel Application

**1. Introduction :** To provide a systematic approach for testing the Adactin Hotel Booking Application.

**1.1 Test plan objectives :** To ensure the application meets the specified requirements and provides a seamless experience for users.

**2. Scope of this document :** Testing all the main features of the hotel booking process, including login, search, booking, and user management functionalities.

### **3. Test Strategy**

- 3.1 Smoke Testing
- 3.2 Sanity Testing
- 3.3 Functional Testing
- 3.4 Database Testing
- 3.5 Cross browser Testing
- 3.6 Automation Testing

**4. Environment Requirements :** url : Testing environment

### **5. Test Schedule**

- **Testing:** [Start Date] - [End Date]
- **Test Design:** [Start Date] - [End Date]
- **Execution:** [Start Date] - [End Date]
- **Closure:** [Date of Completion]

### **6. Control Procedures**

6.1 Reviews : peer review , Sr.Tester and Test Lead Review

6.2 Bug Reviews

**7. Functions To be tested :** Functional Testing, UI Testing, Compatibility Testing, Performance Testing, Security Testing.

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**8.Functions not to be tested:** Testing on platforms not supported by the application, integration with external hotel management systems (if not directly interfaced).

## **9. Resources & Responsibilities :**

- **Test Manager:** Oversees the testing process and ensures timely execution.
- **QA Engineers:** Conduct test execution, report issues, and verify bug fixes.
- **Automation Engineer:** Develops scripts for regression and functional testing.

## **10. Deliverables and mile stones**

- Test Plan Document
- Test Cases and Test Scripts
- Test Summary Report
- Defect Reports
- Test Execution Logs

## **11. Defect Management**

## **12. Dependencies**

- 12.1 personal dependencies
- 12.2 Software dependencies:
- 12.3 Hardware dependencies :
- 12.4 Test Data & Database

## **13. Risks :**

- Changes in requirements.
- Delays in setup of test environments.
- High severity defects that impact testing timelines.

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- 14. Tools :** Jira as management tool ,Selenium WebDriver for automation, JMeter for performance.
  - 15. Documentation**
  - 16. Approvals**
  - 17. Entry / Exit for each Testing activity**
  - 18. Test Suspension**
  - 19. Test Resumption**
  - 20. Test completion**

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