

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.

::2::

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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.

::3::

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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