



10Pearls Shine Internship Program (Cohort 4)

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Test Plan Document



Test Plan Document

Project Title: Online Event Management System

Prepared By: Komal Saleem

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1. Introduction:

This Test Plan outlines the strategy, scope, objectives, resources, and schedule for testing the Online Event Management System. It serves as a guide to ensure the application meets its functional and non-functional requirements and performs reliably for both event organizers and attendees.

2. Objectives:

To validate the complete functionality, performance, security, and usability of the Online Event Management System, ensuring it meets business requirements and user expectations before deployment.

3. Scope of Testing:

In Scope:

- User Registration and Login
- Event Creation and Management
- Event Search and Filtering
- Ticket Booking and Checkout
- Notifications and Calendar Sync
- Admin Controls and Dashboard
- User Profiles and Access Controls
- Responsive Design Testing
- Security Features (Authentication, Session Timeout)

Out of Scope:

- Third-party integration with external marketing tools
- Load testing beyond 1000 concurrent users

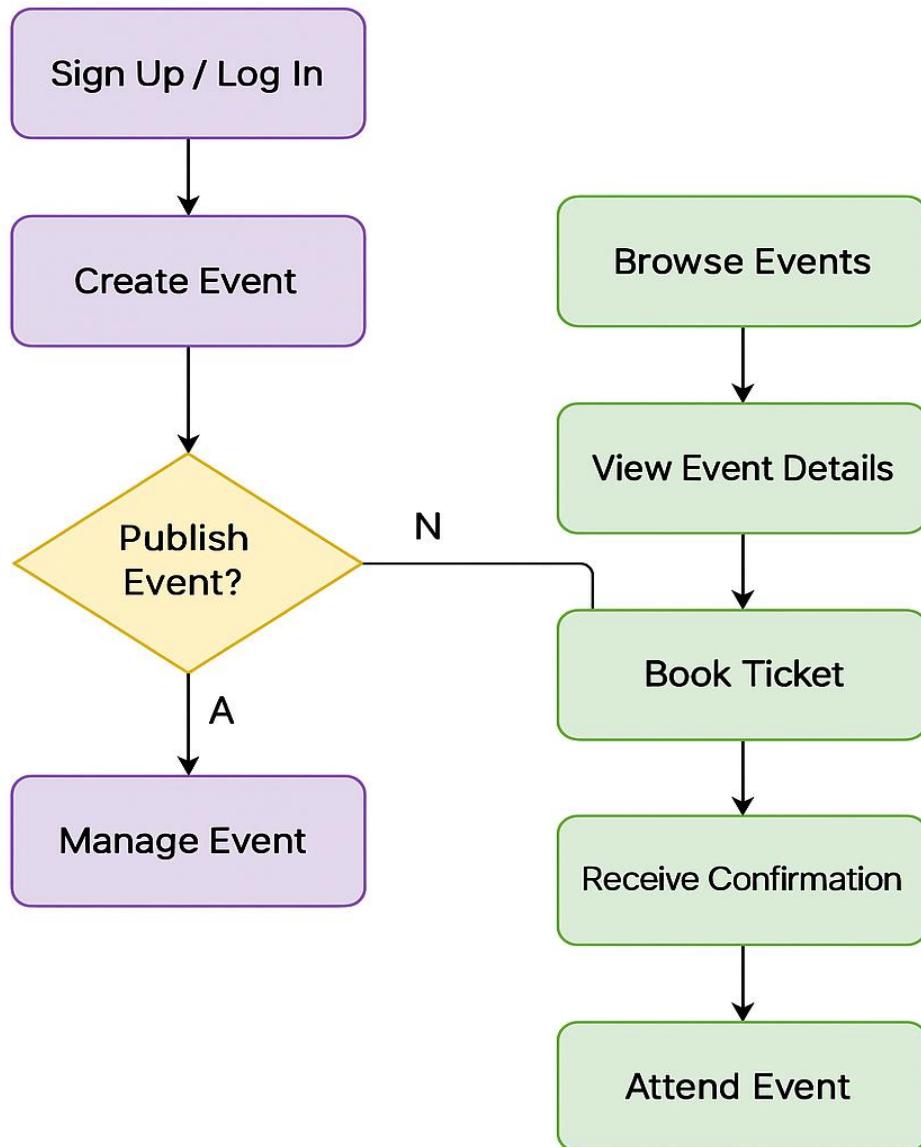
4. Features to be Tested:

Feature	Description
User Authentication	Register, login, and manage credentials
Event Management	Create, update, delete, publish events
Search and Filters	Search by location, category, date, and keywords
Ticket Booking	Booking process, secure payment, e-ticket generation
Notifications	Event reminders, updates, confirmations
Admin Panel	Event approvals, user management
Discount Codes	Apply discounts during booking
Dashboard Access	Role-based access (Organizer, Attendee, Admin)

5. Use Case Diagram (Online Event Management System)



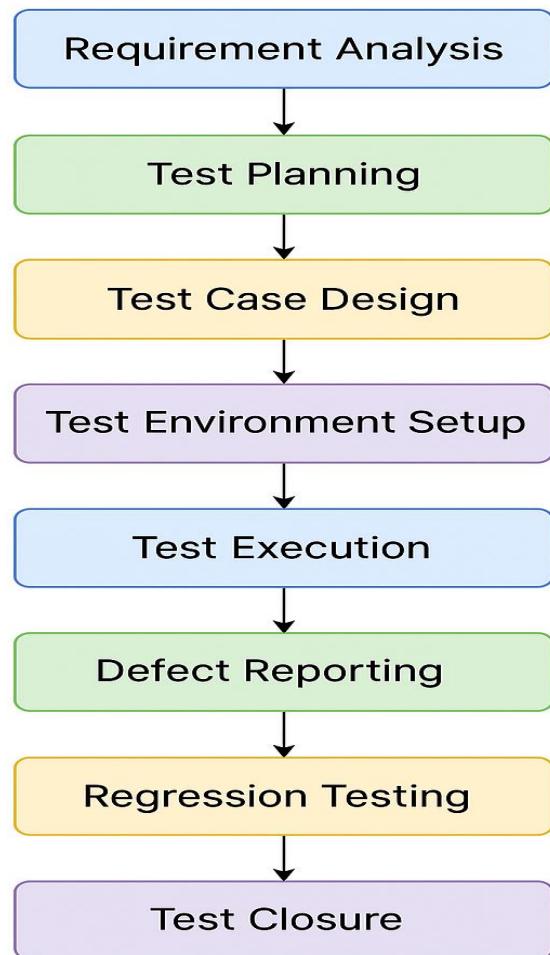
6. Workflow Diagram:





7. Test Workflow Diagram:

Test Workflow Diagram



8. Test Approach:

Testing will be conducted using manual functional testing in the initial phases and some automated smoke/regression testing in later stages.



Types of Testing:

- Functional Testing
- Smoke Testing
- Regression Testing
- Negative Testing
- Security Testing
- Compatibility Testing
- Usability Testing

9. Testing Tools:

- **TestWorthy:** For test case management and execution
- **BrowserStack:** For cross-browser compatibility (if applicable)
- **Postman:** For testing API endpoints (optional)

10. Entry and Exist Criteria:

Entry Criteria:

- Requirements and user stories are finalized.
- Development of the respective sprint is complete.
- Test environment is ready.

Exit Criteria:

- All planned test cases are executed.
- Critical bugs are fixed and retested.
- Test summary report is reviewed and approved.



11. Deliverables:

- Test Plan Document
- Test Case Document (120 cases, 6 sprints)
- Test Execution Report
- Bug Report (if applicable)
- Final Test Summary Report

12. Resources:

- QA Analyst: Anum Yasin
- Developer Team: Muhammad Hamza Ali
- Project Manager: Taimoor Liaquat

13. Schedule:

Sprint	Features Covered	Start Date	End Date
Sprint 1	Registration, Login, Event Creation	12/04/2025	13/04/2025
Sprint 2	Event Listing, Event Detail View, Search	12/04/2025	13/04/2025
Sprint 3	Ticket Booking, Checkout, Notifications	12/04/2025	13/04/2025
Sprint 4	Admin Panel, Event Moderation	14/04/2025	15/04/2025
Sprint 5	Discount Codes, Dashboard Access	14/04/2025	15/04/2025
Sprint 6	Session Timeout, UI/Browser Testing	14/04/2025	15/04/2025



14. Risk & Mitigation:

Risk	Impact	Mitigation
Unstable test environment	High	Use backup local test server
Delays in development	Medium	Parallel test case writing
Unclear requirements	Medium	Clarify with stakeholders in sprint review