Event Management System - Test Report

Tested By: Pensif team

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1. Test Summary

This report provides the results of testing conducted on the Event Management System, focusing on user authentication, event booking, admin panel functionality, and overall system performance.

2. Test Scope

- **Functional Testing**: Verifying event booking, user authentication, and admin panel.
- **UI Testing**: Ensuring a responsive and user-friendly interface.
- **Security Testing**: Checking login authentication and data security.
- **Performance Testing**: Load handling and response time.

3. Test Cases

Test ID	Test Scenario	Expected Result	Actual Result	Status
TC_01	User Login with valid credentials	User should be able to log in	Logged in successfully	✅ Pass
TC_02	User Login with invalid credentials	Error message should be displayed	Error message displayed	✅ Pass
TC_03	Event booking confirmation	User should get a confirmation	Confirmation received	✅ Pass
TC_04	Admin login access	Admin should be able to log in	Logged in successfully	✅ Pass
TC_05	Unauthorized access to admin panel	User should be restricted	Access denied	✅ Pass
TC_06	UI responsiveness (Mobile & Desktop)	UI should adjust properly	Responsive UI observed	✅ Pass
TC_07	Performance test with 1000 users	System should handle requests	Handled smoothly	✅ Pass
TC_08	SQL Injection attempt on login	System should prevent attack	Attack prevented	✅ Pass

Test ID	Test Scenario	Expected Result	Actual Result	Status
TC_09	Password encryption check	Passwords should be encrypted	Encryption verified	✅ Pass
TC_10	Logout functionality	User should be logged out	Logout successful	✅ Pass

4. Bug Report

Bug ID	Issue Description	Severity	Status
BUG_01	Event booking button not working on Safari	Medium	Fixed
BUG_02	Admin panel loads slowly (5s delay)	High	Open
BUG_03	UI breaks on mobile view	Low	Fixed

5. Performance Metrics

Test	Expected Time	Actual Time	Status
Login Response	<2s	1.5s	✅ Pass
Event Booking	<3s	2.8s	✅ Pass
Admin Panel Load	<5s	5.2s	❌ Fail
Database Query Execution	<1s	0.8s	✅ Pass

6. Conclusion

- **Overall Status**: ✅ *Pass (with minor issues)*
- The system is **functionally stable** with **minor performance optimizations needed**.

- Fixing **Admin Panel loading speed** is recommended for better UX.