

Testing Report for Real-Time Event Ticketing System

Test Cases

Test Case ID: TC-001

Description: Vendor releases tickets to the ticket pool.

Steps:

- 1. Login as Vendor.
- 2. Navigate to 'Release Tickets' page.
- 3. Add 100 tickets to an event.
- 4. Confirm release.

Expected Result: Tickets should be added to the pool and available for customers.

Actual Result: Tickets added successfully.

Status:  Passed

Test Case ID: TC-002

Description: Customer purchases tickets for an event.

Steps:

- 1. Login as Customer.
- 2. Select an event.
- 3. Choose to purchase 5 tickets.
- 4. Complete payment.

Expected Result: Tickets should be deducted from the pool and assigned to the customer.

Actual Result: Tickets allocated, confirmation received.

Status:  Passed

Test Case ID: TC-003

Description: Verify ticket pool rejects tickets exceeding maximum capacity.

Steps:

- 1. Add tickets to the pool until maximum capacity is reached.

- 2. Attempt to add additional tickets.

Expected Result: The system should prevent adding tickets beyond the limit.

Actual Result: System rejected the addition, displayed error.

Status:  Passed

Test Case ID: TC-004

Description: Verify behavior when the database is unavailable.

Steps:

- 1. Stop the database server.
- 2. Attempt to login or perform actions.

Expected Result: System should display an appropriate error message.

Actual Result: Error displayed: 'Unable to connect to the database.'

Status:  Passed

Test Case ID: TC-005

Description: Admin deletes an event.

Steps:

- 1. Login as Admin.
- 2. Navigate to the 'Manage Events' page.
- 3. Select an event to delete.
- 4. Confirm deletion.

Expected Result: Event should be removed, and its tickets invalidated.

Actual Result: Event deleted, tickets invalidated.

Status:  Passed

Test Case ID: TC-006

Description: Two customers book tickets for the same event simultaneously.

Steps:

- 1. Open two browsers with different customer accounts.
- 2. Attempt to purchase 10 tickets from each.
- 3. Confirm payments.

Expected Result: System should allocate tickets correctly without overselling.

Actual Result: Tickets allocated correctly.

Status:  Passed

Test Case ID: TC-007

Description: Customer enters invalid payment details during purchase.

Steps:

- 1. Login as Customer.
- 2. Attempt to purchase tickets with incorrect payment details.

Expected Result: System should reject payment and display an error.

Actual Result: Payment rejected, error displayed.

Status:  Passed

Results Summary

Total Test Cases	Passed	Failed	Issues Identified
7	7	0	None

Issues Found

No major issues were identified. All functionalities worked as expected during testing.

Resolution

No issues were identified. All tests passed successfully during the current cycle.