
Event Management System

CITS3200 Group 9

2022-08-12

Objectives

This document outlines the strategies and methodologies used to test the project to ensure it meets the client's requirements.

Document References

This document specifies testing criteria for the project requirements outlined in the Requirements Analysis Document.

Creation of a secure web-based shop front for event attendees:

1. to book his/her attendance (including partner, children);
2. to register contact details;
3. to indicate no fees involved;
4. to enable uploading images/text; and
5. to interface with printer to generate badges

Security of data is an important consideration.

Test Summary

1. Publicly visible website
2. Website lists event information
3. Users may book their attendance for an event
4. Users may register their contact details
5. Users may pay for tickets via a payment processor
6. The system can generate printable attendance badges
7. User data, ticketing and transactions are handled securely
8. Event managers can mark attendance

Testing Strategy

The event management system comprises three major systems;

- Website store-front for attendees to book
- Database backend to store event, attendee and ticketing information
- A ticket check-in interface for event management to determine ticket validity

These systems should be tested individually after any code changes are made to ensure their functionality is not compromised, and they should be tested together after any major changes.

Test A

The website should display correctly on all target devices running common web-browsers (Firefox, Chromium, Safari). The website should responsively scale between desktop and mobile display sizes. Listed event information is up to date and accurate.

Test Specification

Test Requirements

Location

Means of Control

Data Input Data

Input Commands

Output Data

System Messages

Procedures

Test Analysis Report

Test B

Users can place bookings for events on the website, via a payment processor if payment is required. Their contact information is correctly stored in the database, and the user is assigned a unique ticket/booking number.

Test Specification**Test Requirements****Location****Means of Control**

Data Input Data

Input Commands

Output Data

System Messages

Procedures**Test Analysis Report****Test C**

A unique printable badge can be generated by the website, containing the attendee's name and ticket number.

Test Specification**Test Requirements****Location****Means of Control**

Data Input Data

Input Commands

Output Data

System Messages

Procedures

Test Analysis Report

Test D

Event managers can scan badges to verify bookings and mark event attendance.

Test Specification

Test Requirements

Location

Means of Control

Data Input Data

Input Commands

Output Data

System Messages

Procedures

Test Analysis Report