

TixGurus Website Test Plan

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Project Team:

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I. Introduction

This document serves as the plan for testing all software artifacts as well as the reporting of the test results.

II. Test Plan

Test ID	Description	Expected Results	Actual Results
1	View event information	Event information is retrieved from the database and is accessible to the customer	Passed – all events retrieve and display their information from the database successfully.
2	Purchase tickets	Customer should be able to purchase event tickets for any event	Passed – customers can purchase tickets without any issues.
3	Customer must create an account before purchasing tickets	A customer must first login or create an account before they can purchase tickets	Passed – customers cannot purchase tickets if they are not logged in.
4	Staff members cannot purchase tickets	Staff members are not allowed to purchase tickets – only customers can	Passed – when logged in as a staff member, the website will not allow the user to purchase tickets.
5	Minimum ticket quantity	The minimum ticket quantity that can be purchased is 1.	Passed – the system will not allow a quantity less than 1
6	PayPal payment method	The customer should be able to use PayPal to pay for their tickets	Passed – PayPal integration is working correctly as expected.
7	VIP member discounts	The system should apply a 10% discount to ticket purchases made by VIP members.	Passed – VIP members receive a 10% discount, other members do not.
8	Guests can register for an account	Guests should have the ability to register for an account	Passed – signup form works as expected.
9	Password matching	Entered passwords must match when signing up for an account	Passed – the system checks to make sure that passwords and their confirmation match before continuing.
10	Customers must supply correct credentials	Customers must supply a valid username and password when logging in	Passed – the system checks to make sure that only registered customers can login and that their login details match what is stored in the database.
11	View orders and tickets	Customers should be able to view their previous orders and tickets after logging in	Passed – the system displays a list of previous orders and allows customers to download their tickets in a PDF format
12	Recommend events to customers	The system should recommend events to customers based on their previous ticket bookings	Passed – the system features a “Recommended Events” button that recommends events to customers based on their previous bookings. If the customer has not booked any tickets, the button will be disabled for that customer.
13	Only staff can manage events	The system should not allow anyone other than staff members to manage events	Passed – only logged in staff members can manage events. Customers cannot change any event details.
14	Allow staff members to export sales reports to a PDF file	When logging in as a staff member, the website has a link that allows the user to generate a PDF file containing all the sales reports.	Passed – when the staff member clicks on the Sales Report link, a PDF file is generated with the required information.

III. Testing Deliverables

The test deliverables will be a Test Summary report which is this document.

IV. Environmental Requirements

Environmental requirements for conducting the tests include:

- An Apache web server
- PHP 7
- A modern web browser such Google Chrome or Mozilla Firefox
- A database management system
- MySQL v8.0+
- JavaScript support in the browser
- Access to an internet connection

V. Staffing

The web developer will be responsible for carrying out the software testing procedure as they are the most familiar with the system and how it works. It also allows them to fix any encountered errors or bugs immediately without having to refer to another person to fix the bugs.

VI. Schedule

Unit testing of the software as it is developed was decided to be the best testing option, followed by a full system functionality testing as each component of the system is completed. A final usability test will be carried out before handing the project over to the client to make sure there is no bugs or errors in the final product.

VII. Risks and Contingencies

There always the potential for missed bugs or errors that may have not been identified during the testing phase. Therefore, the developers will address any issues or bugs the customer encounters during their use of the system, by making changes to the code and updating the website regularly to address is issues.

VIII. Approvals

Test results need to be signed off by the developers, the testing team, the project manager, and the client.

IX. Document Revision History:

Version	1.0
Name(s)	Ibrahim Elwadia
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Change Description	Initial version