**TESTING DOCUMENTATION FOR EVENT VENUE BOOKING SYSTEM FOR CITY OF DREAMS MANILA**

A Project Proposal Presented to the

Faculty of Datamex College of Saint Adeline, Inc.

In Partial Fulfillment of the Requirements for the  
Degree of Bachelor of Science in Information Technology

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October 2025

**TESTING DOCUMENTATION**

**INTRODUCTION**

The purpose of the testing phase is to make sure that the Event Venue Booking System works properly and meets the needs of the users. This phase focuses on checking if all the main features like venue viewing, booking submission, and admin approval are working as expected without errors.

The main objective of the testing process is to find and fix any problems or bugs before the system is fully implemented. It also aims to check the accuracy of the data, the responsiveness of the website, and the overall user experience.

The scope of the testing includes all the main functions of the system such as client booking, admin dashboard, and schedule management. Parts like design improvements or system upgrades that are not related to the main features are not included in this testing phase.

**TESTING ENVIRONMENT**

**Hardware Specifications**

The system was tested using a desktop or laptop computer with an Intel Core i3 processor, 8GB RAM, and running on Windows 10 operating system. It was also checked using a laptop to make sure the website works properly on different devices.

**Software Requirements**

The testing used Google Chrome and Microsoft Edge as the main browsers. The system was developed and tested using Visual Studio Code as the code editor, with Node.js as the backend environment and Microsoft SQL Server for the database.

**Test Data**

Sample data such as client names, venue names, booking dates, and times were used during testing. These sample records helped check if the booking form, schedule display, and admin approval functions work correctly without any issues**.**

**TESTING METHODOLOGY**

The testing of the Event Venue Booking System used the black-box testing and user acceptance testing approaches. In black-box testing, each function of the system was checked based on its expected output without looking at the internal code. For user acceptance testing, a few users tried the system to see if it was easy to use and if it met their needs when booking venues.

No special testing tools or frameworks were used. The testing was done manually using the browser and the system’s interface to check how it performs in real usage.

The test cases focused on checking if the client can view available venues, submit booking forms, and if the admin can approve or reject bookings correctly. The criteria for passing were based on whether each function worked smoothly and displayed the right data without any errors.

**TEST CASES**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Description** | **Test Steps** | **Expected Output** | **Actual Output** | **Status** |
| **JM-01** | Booking form submission with complete details | 1. Open the booking page. 2. Fill out all required fields. 3. Click submit. | Booking request is successfully submitted and recorded in the system. | Booking request was submitted and appeared in admin dashboard and calendar. | Pass |
| **JM-02** | Booking form submission with missing required field | 1. Open the booking page. 2. Leave one required field empty. 3. Click submit. | Error message appears prompting to fill out all required fields. | Error message appeared properly. | Pass |
| **JM-03** | Admin approves booking request | 1. Log in as admin. 2. Open booking list. 3. Click approve on a pending booking. | Booking status changes to “Approved.” | Booking status successfully changed to “Approved.” | Pass |
| **JM-04** | Admin rejects booking request | 1. Log in as admin. 2. Open booking list. 3. Click reject on a pending booking. | Booking status changes to “Rejected.” | Booking status did not update immediately. | Fail |
| **JM-05** | User views available venues | 1. Open the website. 2. Go to “Venues” section. 3. Check venue details. | All venues with details are displayed correctly. | Venues displayed correctly. | Pass |

**Table 1:** table for testing

**BUG TRACKING & ISSUE LOG**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Description** | **Severity** | **Reported By** | **Status** | **Resolution** |
| **B001** | Admin page sometimes freezes when approving multiple bookings at once. | High | Tester 1 | In Progress | checking the cause of the lag. |
| **B002** | Date picker in booking form doesn’t block past dates. | Medium | Tester 2 | Resolved | Added validation to disable past dates. |
| **B003** | Confirmation message after submitting booking does not appear. | Low | Tester 1 | Resolved | Will add success message ShowAlert Function. |
| **B004** | Venue list takes time to load on mobile devices. | Medium | Tester 3 | In Progress | Optimization of image loading is ongoing. |
| **B005** | Admin dashboard shows wrong total count of bookings after update. | High | Tester 2 | Resolved | I Fixed SQL query to show correct total count. |

**Table 2:** Bug Tracking & Issue Log

**USER ACCEPTANCE TESTING (UAT)**

The User Acceptance Testing was done by selected users from the client side to check if the Event Venue Booking System works properly and is easy to use. The users tested main features such as viewing available venues, filling out the booking form, and checking booking updates from the admin.

Most of the users said that the system was easy to navigate and that the booking process was clear and fast. However, some users suggested adding a clearer confirmation message after submitting a booking and improving the loading speed of venue images.

This is the following improvements were identified

* Add a success alert or confirmation pop-up after booking submission.
* Optimize images to make the venue page load faster.
* Include clearer instructions for new users on how to edit or cancel bookings.

**CONCLUSION & RECOMMENDATIONS**

Overall, the testing of the Event Venue Booking System showed that the main features such as venue viewing, booking form submission, and admin approval are working properly. Most of the test cases passed and only a few minor issues were found, which have already been fixed or are still being worked on.

During testing, it was observed that the system runs smoothly on desktop and mobile, but loading speed can still be improved, especially when many images are displayed. User feedback also showed that the system is easy to use and helpful for managing bookings online.

For future improvements, it is recommended to

* Improve system performance by optimizing images and database queries.
* Improve my system to
* Add more notifications and clearer confirmation messages for users.
* Conduct another round of user testing after updates to make sure all fixes are effective.