Software Testing Documentation

**for**

<Get Hotel System>

## Version 1.0

**Prepared by <** **H21\_GREEN >**

## <Riverfront Sentral Hotel>

**7 March 2024**

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# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason for Changes** | **Version** |
| 1. Tan Jin Wan 2. Muhammad Anaz Azzamuddin Bin Azhar 3. Muhammad Luqman Hazim Bin Sulaiman 4. Nabil Aiman Bin Adnan | 7 March 2024 | Initial release | 1.0 |

# Introduction

Introducing the "GET HOTEL SYSTEM" – a game-changing solution revolutionizing hotel management. Seamlessly integrating with every aspect of the hospitality industry, our platform offers unmatched efficiency and convenience. From reservations to guest services, our user-friendly interface and advanced features empower hoteliers to enhance guest experiences and maximize profitability. Join us at the forefront of hotel management innovation with the "GET HOTEL SYSTEM."

## Purpose

The purpose of the "GET HOTEL SYSTEM" is to streamline and enhance the management and operations of hotels. This system aims to provide a comprehensive solution for tasks such as reservation management, room allocation, guest check-in and check-out processes, billing and invoicing, and inventory management. By implementing this system, hotels can optimize their workflows, improve guest experiences, and increase operational efficiency. Additionally, it facilitates better decision-making through real-time data analysis and reporting functionalities. Ultimately, the "GET HOTEL SYSTEM" aims to elevate the overall quality of service provided by hotels while maximizing their revenue potential.

## Scope

The scope outlines the key functionalities of the Get Hotel System, including search capabilities, detailed hotel listings, booking functionality, user authentication, integration with external APIs, and responsive design. It also provides insight into the technical aspects of the project, such as programming languages, database management, security measures, and scalability considerations.

Additionally, the scope document influences various aspects of the project, including:

* Project Planning and Execution: The scope serves as a roadmap for planning and executing the development of the Get Hotel System.
* Quality Assurance and Testing: The scope outlines the expected functionality and performance of the Get Hotel System, which serves as a basis for quality assurance and testing activities.
* Stakeholder Communication: The scope document facilitates communication with stakeholders by clearly defining the project's goals, features, and technical specifications.
* Resource Allocation and Budgeting: The scope helps in estimating resource requirements and budget allocation for the development of the Get Hotel System

## Definitions, Acronyms and Abbreviations

## Definitions, Acronyms, and Abbreviations

## Definitions:

## Get Hotel System: The software platform designed to enable users to search, browse, and book hotel

## accommodations through an online interface.

## Hotel Listing: A detailed presentation of a specific hotel's information including photos, room types, pricing, amenities, and user reviews.

## User Authentication: The process of verifying the identity of users attempting to access the Get Hotel

## System, typically through username and password credentials.

## API (Application Programming Interface): A set of protocols, tools, and definitions that allow different

## software applications to communicate with each other.

## Responsive Design: A design approach aimed at providing an optimal viewing and interaction experience

## across a wide range of devices and screen sizes.

## Acronyms:

## PHP: Hypertext Preprocessor, a server-side scripting language used for web development.

## HTML: Hypertext Markup Language, the standard markup language for creating web pages and web

## applications.

## CSS: Cascading Style Sheets, a style sheet language used for describing the presentation of a document

## written in HTML.

## MySQL: An open-source relational database management system.

## Abbreviations:

## DBMS: Database Management System.

## UX: User Experience.

## UI: User Interface.

## QA: Quality Assurance.

## 1.4 Overview

The "GET HOTEL SYSTEM" is a revolutionary solution for hotel management, offering seamless integration and efficiency across the hospitality industry. With user-friendly features, it handles reservations, guest services, and more, empowering hoteliers to enhance guest experiences and increase profitability. This system streamlines operations from booking to check-out, optimizes workflows, and provides real-time data analysis for informed decision-making. By prioritizing quality service and revenue potential, the "GET HOTEL SYSTEM" represents the future of hotel management.

# Test Cases, Data and Expected Results

The table below summarizes the results of system testing.

* 1. **TC001 – User Registration and Login**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
| **TC001\_01** | **07-03-2024** | **TAN JIN WAN** | **Verify successful user registration** | **NO/IC, Name, Address, Email** | **Registration is successful** | **The user**  **successfully registers on the website** | **Pass** |
| **Verify registration failure with an invalid email** | **NO/IC, Name, Address, Email** | **Registration fails, error displayed** | **Registration fails due to an issue, and an error message is displayed** | **Pass** |
| **Verify registration failure with an invalid password** | **password** | **Registration fails, error displayed** | **Registration fails, error**  **displayed** | **Pass** |
| **TC001\_02** | **07-03-20234** | **TAN JIN WAN** | **Verify successful user login** | **Valid Username, Password** | **User is logged in successfully** | **The user enters valid login**  **credentials and successfully**  **logged into their account** | **Pass** |
| **Verify login failure with incorrect credentials** | **Invalid Email, Invalid Password** | **Login fails, error displayed** | **Error message is displayed, indicating the login failure**  **due to incorrect information** | **Pass** |

# *TC*002 – Ordering Room

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
| **TC002\_01** | **07-03-2024** | **TAN JIN WAN** | **Verify room selection** | **Select the rooms that you want** | **Selected rooms that wanted** | **After selecting rooms, you can selected nombor of room** | **Pass** |
| **Verify checkout process** | **Proceed to checkout** | **Redirect to the checkout page** | **Website navigates to the checkout page for the**  **payment process** | **Pass** |

* 1. **TC003 – Payment Processing**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
| **TC003\_01** | **07-03-2024** | **TAN JIN WAN** | **Cash On Delivery** | **Verify the "Pay via Cash" button**  **functionality** | **Click the "Pay via Cash " button in the**  **Checkout interface** | **The order is placed**  **successfully** | **The order is placed**  **successfully and submitted** | **Pass** |
| **Credit Card Payment** | **Verify the "Payment via Bank Card"**  **button functionality** | **Click the "Payment via Bank Card" button** | **The "Credit Card" interface is displayed.** | **The "Credit Card" interface is shown** | **Pass** |
|  | **Verify entry of valid credit card**  **information** | **Enter valid Credit Card Number, Holder Name, Expiration Date, CVV** | **Payment is processed successfully** | **The payment has been processed without any**  **issues** | **Pass** |
|  | **Verify rejection of invalid credit card information** | **Enter Invalid Credit Card Number, Holder Name, Expiration Date, CVV** | **Payment**  **information is rejected** | **The provided payment**  **information faces rejection** | **Pass** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TC003\_02** | **16-10-2003** | **TAN JIN WAN** | **Online Banking** | **Verify the "Internetbased**  **Banking" button functionality** | **Click the "Internetbased**  **Banking" button** | **The "Online Banking"**  **interface is displayed** | **The "Online Banking"**  **interface is shown** | **Pass** |
|  |  |  |  | **Verify the selection of the bank and entry**  **of valid details** | **Select a bank, enter valid online banking**  **details** | **Payment is processed successfully** | **Payment is processed successfully** | **Pass** |
|  |  |  |  | **Verify rejection of invalid online banking details** | **Select a bank, enter invalid online banking**  **details** | **Payment**  **information is rejected** | **The payment information encountered rejection** | **Pass** |

# TC004 – Order History and Deletion

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
| **TC004\_01** | **07-03-2024** | **TAN JIN WAN** | **Verify user can view their order history** | **User access the "My Orders" in the**  **navigation bar** | **User can view their order history** | **User able to access the “My Orders” page, which displays a list of all the past orders** | **Pass** |
| **Verify user can delete an order**  **from their history** | **User clicks the "Delete" icon for a specific order in the order history** | **The order is removed** | **The order is**  **permanently deleted from the user's order history** | **Pass** |

* 1. **TC005 – User Feedback**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
|  |  |  |  |  |  | **Users can provide** |  |
|  |  |  | **Verify that users can provide feedback or ratings for the website**  **as a whole** | **Feedback/Ratings (1 to 5 stars)** | **Users can provide feedback and ratings for the website** | **feedback in the form of written comments and give ratings on a scale from 1 to 5 for the**  **website** | **Pass** |
| **TC005\_01** | **07-03-2024** | **TAN JIN WAN** |  |  |  |  |  |
|  |  |  |  |  |
|  |  |  | **Verify that the feedback and ratings are**  **correctly stored and displayed** | **User's feedback and ratings** | **Feedback and ratings are stored and displayed accurately** | **Feedback and ratings are stored and displayed accurately** | **Pass** |

# TC006 – Admin Login

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
| **TC006\_01** | **07-03-2023** | **TAN JIN WAN** | **Verify that the admin can log in with valid credentials** | **Admin username and password** | **The admin is successfully logged into the admin panel** | **After providing valid admin credentials,**  **successfully redirected to the admin panel**  **dashboard** | **Pass** |
| **Verify that the admin cannot log in with invalid**  **credentials** | **Invalid admin username and password** | **The login attempt fails, and an error message is**  **displayed** | **The login attempt fails, and an error message is displayed** | **Pass** |

* 1. **TC007 – Admin (Rooms ID Management)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
|  |  |  |  |  |  | **The admin** |  |
|  |  |  | **Verify that the admin can add a new rooms** | **Rooms details (No, Room No, Price, Type ID ,Room Type and Email)** | **The new rooms added to the**  **platform** | **successfully completes the**  **rooms addition process, and the rooms now**  **appears in the list of available rooms on the platform** | **Pass** |
|  |  |  |  |  |  |  |  |
| **TC007\_01** | **07-03-2024** | **TAN JIN WAN** | **Verify that the admin can edit rooms**  **details** | **Rooms details (No, Room No, Price, Type ID ,Room Type and Email)** | **The rooms**  **details are updated and saved** | **The modified rooms details now reflected accurately in the**  **admin & user panel** | **Pass** |
|  |  |  | **Verify that the admin can add a new category for rooms** | **Category name** | **The new category is created and listed for rooms**  **categorization** | **The new category is created and listed for rooms**  **categorization** | **Pass** |
|  |  |  | **Verify that the admin can delete a rooms** | **Select a rooms for deletion** | **The selected**  **rooms removed from the platform** | **The selected**  **rooms removed from the platform** | **Pass** |

# TC008 – Admin (Menu Management)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
|  |  |  | **Verify that the admin can edit menu details** | **Menu details (Name, Description, Price, Rooms)** | **The menu details are updated and saved** | **The admin successfully**  **updated the menu details, and the**  **changes are saved in the system** | **Pass** |
| **TC008\_01** | **07-03-2024** | **TAN JIN WAN** | **Verify that the admin can delete a menu item** | **Select a menu item for deletion** | **The selected menu food is removed**  **from the room's menu** | **Admin selects the menu room for**  **deletion, and the item removed from the room's**  **menu** | **Pass** |
|  |  |  |  |  |  | **Admin adds the new** |  |
|  |  |  | **Verify that the admin can add a new menu room** | **Menu details (Name,**  **Description, Price, Rooms)** | **The new menu item**  **is added to the room's menu** | **menu, and it is listed on the room's**  **menu for customers** | **Pass** |
|  |  |  |  |  |  | **to order** |  |

* 1. **TC009 – Admin (Order Management)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Date Tested** | **Tester** | **Test Case Description** | **Input data** | **Expected result** | **Actual result** | **Pass/Fail** |
| **TC009\_01** | **07-03-2024** | **TAN JIN WAN** | **Verify that the admin can update the order status** | **Select an order and update the status** | **The order status is updated as per the admin's action** | **The order status is updated as per the admin's action** | **Pass** |
| **Verify that the admin can view user details**  **associated with an order** | **Select an order for user details** | **The admin can view all user details for the selected order** | **Admin can access and view**  **comprehensive user details associated**  **with the selected order** | **Pass** |
| **Verify that the admin can delete an order** | **Select an order for deletion** | **The selected order removed from the system** | **The selected order successfully**  **removed from the system and no**  **longer present in the order**  **management** | **Pass** |

# Test Approach Analysis

## TC001 - User Registration and Login

* + Verify successful user registration.
  + Verify registration failure with an invalid email.
  + Verify registration failure with an invalid password.
  + Verify successful user login.
  + Verify login failure with incorrect credentials Verify if the ‘Enter’ key of the keyboard is working correctly on the login page.

## TC002 – Ordering Room

* + Verify room selection.
  + Verify checkout process.

## TC003 – Payment Processing

* + Verify the "Pay upon Delivery" button functionality.
  + Verify the "Payment via Bank Card" button functionality.
  + Verify entry of valid credit card information
  + Verify rejection of invalid credit card information
  + Verify the "Internet based Banking" button functionality.
  + Verify the selection of the bank and entry of valid details.
  + Verify rejection of invalid online banking details

## TC004 – Order History and Deletion

* + - Verify user can view their order history.
    - Verify user can delete an order from their history.

## TC005 – User Feedback

* + Verify that users can provide feedback or ratings for the website as a whole
  + Verify that the feedback and ratings are correctly stored and displayed

## TC006 – Admin Login

* + Verify that the admin can log in with valid credentials.
  + Verify that the admin cannot log in with invalid credentials.

## TC007 – Admin (Room ID Management)

* + Verify that the admin can add a new room.
  + Verify that the admin can edit room details.
  + Verify that the admin can add a new category for room.
  + Verify that the admin can delete a room.

## TC008 – Admin (Menu Management)

* Verify that the admin can edit menu details.
* Verify that the admin can delete a menu item.
* Verify that the admin can add a new menu room.

## TC009 – Admin (Order Management)

* + - Verify that the admin can update the order status.
    - Verify that the admin can view user details associated with an order.
    - Verify that the admin can delete an order.

# Appendix A: Test Report Approval

The undersigned acknowledge they have reviewed the <Project Name> Software Testing Documentation and agree with the approach it presents. Changes to this Software Testing Documentation will be coordinated with and approved by the undersigned or their designated representatives.

### Prepared by

Signature :

Name : MUHAMMAD ANAZ AZZAMUDDIN BIN AZHAR

Role : Team Leader

Date : 12 March 2020

### Approved by

Signature :

Name : Miss Nur Syahira Amira Binti Mohd Azhari Role : Project Manager

Date : 1 March 2024