

Test Plan for Veterinary Clinic

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Table 1: Document version history

Version	Date	Reason for Change
1.0	20-Febraury-2024	Test Plan First version is defined.

GitHub: <https://github.com/System-Analysis-Design-INF319/Tourism>

Contents

1	Introduction	3
1.1	Purpose	3
2	Test Scenario 1	3
3	Test Scenario 2	4
3.1	Test Cases	4
4	Test Scenario 3	5
4.1	Test Cases	5
5	Test Scenario 4	5
5.1	Test Cases	6
6	Test Scenario 5	6
6.1	Test Cases	6
7	Test Scenario 6	7
7.1	Test Cases	7

1 Introduction

1.1 Purpose

The purpose of this document is to describes the testing approach and overall framework that will drive the testing of our project. this doucment introduces:

- **Defining Testing Objectives:** It outlines the objectives and goals of the testing process, such as ensuring the functionality of systems like booking, tourist, business owner, hidden gems and admin management, etc.
- **Scope:** It defines the scope of testing, including which features, functionalities, and modules will be tested. This ensures comprehensive coverage of the tourism's software systems.
- **Testing Approach:** It outlines the approach to be followed during testing, It also specifies the testing techniques to be employed.

2 Test Scenario 1

- **Users' Actions and Behaviors:**

The user Login with his personal information to the website

- **Technical aspects of the requirement**

The system should allow users to log in to their account using their credentials.

The system should display the user's account information after a successful login.

- **Possible Scenarios of System Failure**

The system may not allow users to log in with valid credentials.

The system may not display the user's account information after a successful login.

Test Case ID	Test Case Desc	Functional Req Code	Test Data	Expected Result
TC01	Valid credentials - Successful login	T02	Enter valid username and password then Click on "Login" button	Logged in succesfully
TC02	Invalid username - Failed login	T02	Enter invalid username and password then Click on "Login" button	failed Login
TC03	Invalid password - Failed login	T02	Enter valid username and invalid password then Click on "Login" button	failed Login
TC04	Empty username field - Failed login	T02	Enter valid username and leave password field empty then Click on "Login" button	user must should a message says password is empty
TC05	empty password field - Failed login	T02	leave username field empty and enter valid password then Click on "Login" button	user must should a message says username is empty

3 Test Scenario 2

- **Users' Actions and Behaviors:**

The user updates their account information.

- **Technical Aspects of the Requirement:**

The system should allow users to update their account information.

The system should save the updated information and display it after a successful update.

- **Possible Scenarios of System Failure**

The system may not allow users to update their account information.

The system may not save the updated information.

The system may not display the updated information after a successful update.

3.1 Test Cases

Test Cases for the scenario mention in section 3 shown in Table 2

Table 2: Test Cases for Scenario 2

Test Case ID	Test Case Desc	Functional Req Code	Successful	Failed
TC06	Update the user's name	B06	The user name is updated, and the updated name is displayed	The user's name is not updated, and the updated name is not displayed
TC07	Update the user's email address	B06	The user's email address is updated, and the updated email address is displayed	The user's email address is not updated, and the updated email address is not displayed
TC08	Update the user's password	B06	The user's password is updated, and the user can log in with the new password	The user's password is not updated, and the user cannot log in with the new password
TC09	Update the user's password	B06	The user's password is updated, and the user can log in with the new password	The user's password is not updated, and the user cannot log in with the new password

4 Test Scenario 3

- **Users' Actions and Behaviors:**

The user books hidden gem.

- **Technical aspects of the requirement**

The system should allow users to book a hidden gem.

The system should save the booking details and display it after a successful booking.

- **Possible Scenarios of System Failure**

The system may not allow users to book hidden gem.

The system may not save the booking details.

4.1 Test Cases

Test Cases for the scenario mention in section 7 shown in Table 6

Table 3: Test Cases for Scenario 2

Test Case ID	Test Case Desc	Functional Req Code	Test Data	Expected Result
TC10	Successful hidden gem booking	T05	Login to the system then Navigate to the hidden gems page, then click on "Book Now" button then Provide required details and Click on "Book Hidden gem" button	successfully booked
TC11	Failed hidden gem booking	T05	Login to the system then Navigate to the hidden gems page, then click on "Book Now" button then leave one or more required details and Click on "Book hidden gem" button	user should receive error message says this field need to be filled

5 Test Scenario 4

- **Users' Actions and Behaviors:**

The admin add local business owners

- **Technical Aspects of the Requirement:**

The system should allow admin to add local business owners.

The system should save the local business owner information and display it after a successful saving.

- **Possible Scenarios of System Failure**

The system may not allow admin to save local business owner information.

The system may not save the local business owner information.

5.1 Test Cases

Test Cases for the scenario mention in section 7 shown in Table 6

Table 4: Test Cases for Scenario 3

Test Case ID	Test Case Desc	Functional Req Code	Test Data	Expected Result
TC12	Successfully local business owner addition	A01	Login to the system then navigate to add local business owner page then add the required details and Click on "Add Local business owner" button	successfully added
TC13	Failed local business owner addition	A01	Login to the system then navigate to add local business owner page then leave one or more required details and Click on "Add local business owner" button	user must should error message says this feild need to be filled

6 Test Scenario 5

- **Users' Actions and Behaviors:**

The local business owner edits his profile

- **Technical Aspects of the Requirement:**

The system should allow users to update their account information.

The system should save the updated information and display it after a successful update.

- **Possible Scenarios of System Failure**

The system may not allow business owners to update their account information.

The system may not save the updated information.

The system may not display the updated information after a successful update.

6.1 Test Cases

Test Cases for the scenario mention in section 7 shown in Table 6

Table 5: Test Cases for Scenario 4

Test Case ID	Test Case Desc	Functional Req Code	Test Data	Expected Result
TC14	Valid profile update	B07	Login to the system then to the profile page and click on the edit button and modify the fields and Click on "save" button	successfully updated
TC15	Cancel profile update	B07	Login to the system then to the profile page and click on the edit button and modify the fields and Click on "cancel" button	the profile remains the same without changes
TC16	Profile update with invalid input	B07	Login to the system then to the profile page and click on the edit button and modify the fields with invalid input and Click on "Save" button	Error message displayed

7 Test Scenario 6

- **Users' Actions and Behaviors:**

The local business owners add hidden gems

- **Technical Aspects of the Requirement:**

The system should allow business owner to add the hidden gem details.

The system should save the hidden gem details and display it after a successful saving.

- **Possible Scenarios of System Failure**

The system may not allow business owners to add the hidden gem details.

The system may not save the hidden gem details.

7.1 Test Cases

Test Cases for the scenario mention in section 7 shown in Table 6

Table 6: Test Cases for Scenario 5

Test Case ID	Test Case Desc	Functional Req Code	Test Data	Expected Result
TC17	Successful addition of a new hidden gem	B01	Login to the system then to the profile page and navigate to the add hidden gem section and fill the fields then Click on "Add hidden gem" button	successfully added
TC17	Adding hidden gem with missing or invalid information	B01	Login to the system then to the profile page and navigate to the add hidden gem section and leave one or more field empty then Click on "Add Hidden gem" button	error message of validations displayed with invalid input