

**Travelus  
PA5 Test Plan**

**Version 1.0**

Travelus	Version: 1.0
PA5 Test Plan	Date: 16/08/2023

## Revision History

Date	Version	Description	Author
16/08/2023	1.0	Init Test Plan document	Nguyễn Phúc Thịnh

Travelus	Version: 1.0
PA5 Test Plan	Date: 16/08/2023

## Table of Contents

<b>1. Introduction</b>	<b>4</b>
1.1 Purpose	4
<b>2. Target Test Items</b>	<b>4</b>
<b>3. Environmental Needs</b>	<b>4</b>
3.1 Hardware Requirements	4
3.2 Software in the Test Environment	4
3.3 Productivity and Support Tools	4
<b>4. Responsibilities, Staffing, and Training Needs</b>	<b>5</b>
4.1 People and Roles	5

Travelus	Version: 1.0
PA5 Test Plan	Date: 16/08/2023

# PA5 Test Plan

## 1. Introduction

### 1.1 Purpose

This Test Plan document for the Travelus website supports the following objectives:

- Identify existing project information and the software components that should be tested
- List the recommended Requirements for Test (high level)
- Recommend and describe the testing strategies to be employed
- Identify the required resources and provide an estimate of the test efforts
- List the deliverable elements of the test project
- 

## 2. Target Test Items

Target test items:

- Search Tour Feature: Functional Testing
- Administration Tour Feature: Usability Testing, API and Service Testing.
- User Account Management Feature: Usability Testing, API and Service Testing
- User Reviews and Rating Feature: Functional Testing, Usability Testing, API and Service Testing.
- / Feature: Functional Testing, Usability Testing, API and Service Testing

## 3. Environmental Needs

### 3.1 Hardware Requirements

Ram: > 4GB

CPU: > 2.5 GHz

Network: Access to the Internet

### 3.2 Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

Software Name	Purpose	Version	Type and Other Notes
Firefox	To run product		Internet Browser
Google Chrome	To run product		Internet Browser
MS Edge	To run product		Internet Browser
Windows 10, 64 bit	Basic environment		Operating System
Mac OS X 10.10	Basic environment		Operating System
Katalon Studio	Test automation		Testing Application

### 3.3 Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Defect Tracking	MS Office Excel	MS	2023
Schedule Testing	Trello	Atlassian	2023

Travelus	Version: 1.0
PA5 Test Plan	Date: 16/08/2023

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Conduct Documentation	Google Docs	Alphabet	2023

## 4. Responsibilities, Staffing, and Training Needs

### 4.1 People and Roles

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	1 (Nguyễn Thị Ngọc Trâm)	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> <li>planning and logistics</li> <li>agree mission</li> <li>identify motivators</li> <li>acquire appropriate resources</li> <li>present management reporting</li> <li>advocate the interests of test</li> <li>evaluate effectiveness of test effort</li> </ul>
Tester	5 (All members)	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> <li>implement tests and test suites</li> <li>execute test suites</li> <li>log results</li> <li>analyze and recover from test failures</li> <li>document incidents</li> </ul>
Test System Administrator	1 (Nguyễn Thị Ngọc Trâm)	Ensures the test environment and assets are managed and maintained. Responsibilities include: <ul style="list-style-type: none"> <li>administer test management system</li> <li>install and support access to, and recovery of, test environment configurations and test labs</li> </ul>