Travelus

Vision Document

Version <1.0>

Revision History

| **Date** | **Version** | **Description** | **Author** |
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Vision (Small Project)

# Introduction

The purpose of this Software Development Plan is to define the development activities in terms of the phases and iterations required for implementing a travel booking website namely Travelus.

# Positioning

## Problem Statement

| The problem of | marketing and selling tours problems. |
| --- | --- |
| Affects | students and people who are interested in getting a trip. |
| The impact of which is | people who have low-average salaries and lack of time for planning a travel tour. |
| A successful solution would be | provide a website that is easy-to-use and convenient for user.s |

## Product Position Statement

| For | college students, teachers, staff in the University of Science. |
| --- | --- |
| Who | are enthusiastic about taking tours to other places and they also need a booking website selling tours that are fast, user-friendly and convenient, especially for those who lack time for planning tours. |
| Travelus | is a website. |
| That | providing an user-friendly application and suitable tours for each individual. |
| Unlike | the existing outdated mainframe registration system. |
| Our product | connects tour managers and customers and ensures the trust between them by verifying their identities strictly. |

# Stakeholder and User Descriptions

The target stakeholders for this system comprises college students, teachers, and professors at the University of Science that need a friendly, easy-to-use, and informative website for saving their time and efforts. The easy-to-use characteristic is our major focus.

## Stakeholder Summary

| **Name** | **Description** | **Responsibilities** |
| --- | --- | --- |
| Developers | Developers build the website. | Researching, designing, implementing and managing software programs. |
| Teachers | Teachers in course: Introduction to software engineering. | Teachers support students building the website and understand the methodology of Software Engineering. |
| Students | Students studying in the University of Science. | Giving feedbacks about the architecture and interface of the website. |

## User Summary

| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| --- | --- | --- | --- |
| Client | End consumers of the web, either buy or don’t buy the tour. | Create profiles, view pages and tours, subscribe using credit cards and upload feedback about trips. They also search for tours, etc. | Self-represented. |
| Tour guide | Individual who manages clients and schedules the trip. | Obtains information about the trip to deliver knowledge about the place and ensures the safety and satisfaction of the customers.  View clients (Name, Phone number), modified schedules, and see details of the trips and support customers' needs. | Self-represented. |
| Administrator | Main managers of website | View clients (Name, Phone number), verify schedules, and add a tour to the website.  Add a tour to the website. Decide if clients can cancel or change tours if cases exist.  Ensure that content on the website is up-to-date.  Places trips onto the website and identifies categories in which the trip belongs.  Also, choose which tour guide for that trip and verify the schedule | Self-represented. |

## User Environment

Travelus aims for the community that has a demand for traveling but doesn't have time to plan a trip.

The users are educated, computer literate and in most cases own personal computers. Individuals enthusiastic about travel will come to the website and take a look at all tours available. Usage patterns are not predictable at this point, though higher volumes are anticipated during holidays and summer vacations. Besides, the people who are tour guides will have a chance to find new jobs thanks to our website.

The initial release of the website will be limited to students at the University of Science. Marketing subsequent releases to schools, colleges and universities is the consideration of IT Development. As a result, Travelus will be designed to be expandable and all user community data (areas where the students experience) will be table driven and easily accessible upon system installation.

The initial users of Travelus will be students (maybe teachers and staff in the University of Science). In the near future, we expect our website Travelus will be designed to be expandable to all users in the community.

Tour guides will be expected to have a browser-enabled device for checking the tour scheduler and number of clients.

The administrator will require a browser-enabled device for categorizing tours and/or viewing system status, managing the tour guides, and writing reports.

## Alternatives and Competition

At this time, there are countless direct competitors for this service, namely: Saigontourist, BenThanh Tourist, etc.

Saigontourist has articles, vlogs about notable places and figures in the tours in order to provide insights of that location and help customers choose the right choice.

When you visit a particular location, BenThanh Tourist gives travel advice on stunning locations and local cuisine.

# Product Features

| **No.** | **Feature** | **Description** | **Priority** |
| --- | --- | --- | --- |
| 1 | View, add, delete, update search, reports | The basic features that help manage trips effectively include viewing, adding, deleting, editing, searching, and reporting for trips | High |
| 2 | Suggest a tour suitable in the given timeframe, budget and location. | Support users to effortlessly find and sort tours to suit their needs and improve selling capability by narrowing their choices. | High |
| 3 | Upload feedback about the tours (comments, pictures, ratings). | Uploading feedback about the trips helps define the quality of the tours. Also, this helps increase (or decrease) the reliability of the tours. | Medium |
| 4 | Compare between 2 tours when giving the same destination. | Compare the costs, a number of days, transportation, food, etc… between 2 trips going to the same destination | Medium |
| 5 | Weather forecast for each tour | Give an overall prediction about the weather on tour days | Low |

# Non-Functional Requirements

Our product is a website so we suppose it can be compatible with any current operating system (Windows, MacOS, Linux). However, it will have significant differences according to the browsers (Google Chrome, Microsoft Edge, Cốc Cốc, Opera, Safari…)