

Travelus
Software Development Plan
Version 1.1

Travelus	Version:1.1
Software Development Plan	Date: 24/06/2023

Revision History

Date	Version	Description	Author
10/06/2023	1.0	Initial version	Nguyễn Phúc Thịnh
24/06/2023	1.1	Add Gantt chart, revised Project Plan	Nguyễn Thị Khánh Lam Trần Minh Anh

Travelus	Version:1.1
Software Development Plan	Date: 24/06/2023

Table of Contents

1. Introduction	4
2. Project Overview	4
2.1 <i>Project Purpose, Scope, and Objectives</i>	4
2.2 <i>Assumptions and Constraints</i>	4
2.3 <i>Project Deliverables</i>	4
3. Project Organization	5
3.1 <i>Organizational Structure</i>	5
3.2 <i>Roles and Responsibilities</i>	5
4. Management Process	5
4.1 <i>Project Estimates</i>	5
4.2 <i>Project Plan</i>	5
4.2.1 <i>Phase and Iteration Plan</i>	5
4.2.2 <i>Releases</i>	7
4.2.3 <i>Project Schedule</i>	7
4.3 <i>Project Monitoring and Control</i>	7
4.3.1 <i>Reporting</i>	7
4.3.2 <i>Risk Management</i>	7
4.3.3 <i>Configuration Management</i>	7

Travelus	Version:1.1
Software Development Plan	Date: 24/06/2023

Software Development Plan

1. 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.

2. Project Overview

2.1 Project Purpose, Scope, and Objectives

This project will implement a booking website which is named Travelus. It provides many tours for customers. It includes location, price, and some information about the tour.

At the beginning, our target users will be students in the University of Science.

2.2 Assumptions and Constraints

The system must meet all the following requirements:

- Project duration: 03/06/2023 - 02/09/2023.
- The project is a website or a mobile application following a client-server model.
- Database management project's functional features:
 - Listing/Searching
 - View item details
 - Add a new item/multiple items
 - Update an existing item/existing items
 - Delete an item/multiple items
 - Calculating/Reporting
- Common users in the project: guest, logged in user, admin, moderator, customer, etc.

2.3 Project Deliverables

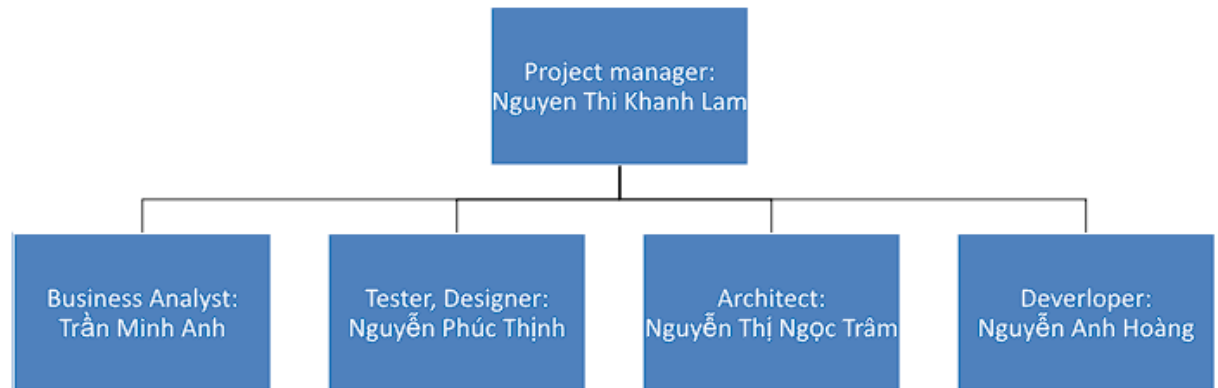
The following deliverables will be produced during the project:

- Business Use Cases
- Business Use Case Survey
- Glossary
- Supplementary Specifications
- User Interface Prototype
- Use Case Survey
- Data Model
- Design Model
- Database Design
- Software Architecture Document
- Implementation Subsystem
- Test Package
- Change Requests
- Test Summary

Travelus	Version:1.1
Software Development Plan	Date: 24/06/2023

3. Project Organization

3.1 Organizational Structure



3.2 Roles and Responsibilities

Member	Role	Mail	Phone	Notes
Trần Minh Anh	Business Analyst, Front-end Designer	tmanh21@clc.fitus.edu.vn	0387400741	
Nguyễn Anh Hoàng	Back-end Developer	nahoang21@clc.fitus.edu.vn	0933927628	
Nguyễn Phúc Thịnh	Tester, Database Designer	npthinh211@clc.fitus.edu.vn	0966998813	
Nguyễn Thị Ngọc Trâm	Architect	ntntram21@clc.fitus.edu.vn	0333675393	
Nguyễn Thị Khánh Lam	Project Manager, UI/UX Designer	ntklam21@clc.fitus.edu.vn	0963184198	

4. Management Process

4.1 Project Estimates

This project will last for about three months, including 2 weeks for the Inception phase of this project. Another phase can be seen below.

4.2 Project Plan

This section contains the schedule and resources for the project.

4.2.1 Phase and Iteration Plan

We have made a Gantt chart for this section and we will submit the excel file along with this document. Our project has 3 phases: Inception, Elaboration and Construction.

Link for Gantt Chart: [Project Plan Gantt Chart.xlsx](#)

Each phase will have some corresponding sprints/PAs

Travelus	Version:1.1
Software Development Plan	Date: 24/06/2023

Inception

Start: 5/6/2023

End: 24/6/2023

Tasks:

- Planning Ideas and User identification.
- Project plan, vision document, academic training, weekly reports.

PA0: 1 release

users.

- Project proposal: Define purpose of our website which is about travel and the target

- Weekly reports

PA1: 2 releases

- Project plan and Vision documents.
- Weekly reports

Elaboration

Start: 24/6/2023

End: 22/7/2023

Tasks:

- Revised project plan and vision documents.
- Use case document with a revised use case model.
- Design document (UI prototype and architecture document).
- Front-end and Back-end Development, weekly reports.

PA2: 2 release

- Use case document.
- The website UI prototype.
- Weekly reports.

PA3: 2 release

- Documents, weekly reports.
- The website's front-end prototype.

Construction

Start: 22/7/2023

End: 2/9/2023

Tasks:

- Revised artifacts submitted in Elaboration.
- Front-end, Back-end and Database Development.
- Test cases, source code, test report, defects, weekly reports.
- Presentation.

PA4: 1 release

- Revised artifacts submitted in Elaboration.
- Test cases, source code, test report, defects.
- Weekly reports.

Travelus	Version:1.1
Software Development Plan	Date: 24/06/2023

PA5: 1 release

- Test cases, source code, test report, defects.
- Weekly reports.

PA6: 2 release

- Travelus website.
- Presentation documents.

4.2.2 Releases

Releases	Time	Description
1.0	22/07/2023	Website UI
1.1	05/08/2023	Searching features and details tour view.
1.2	19/08/2023	Login and Administrative feature
1.3	02/09/2023	Fixing bugs and refactoring.

4.2.3 Project Schedule

Link Trello: <https://trello.com/invite/b/ME3BXv82/ATTIf803a8524fa24de39550bb7648c06d268EBC28C7/se-105>

4.3 Project Monitoring and Control

4.3.1 Reporting

- Planning meeting: 1 report per PA
- Weekly meeting: 2 reports per PA
- Review meeting: 1 report per PA

4.3.2 Risk Management

[Identify risks in your project. The risks should be prioritized, and shorted according to their priority.]

<i>Risk ID</i>	<i>Risk Description</i>	<i>Probability</i>	<i>Impact</i>	<i>Priority</i>	<i>Mitigation Strategy or Contingency Plan</i>

4.3.3 Configuration Management

- Google drive for storing and sharing documents and files.
- Git, Github for managing source code and related files.