EBook4U

Software Development Plan

Version <1.2>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 20/10/2022 | 1.0 | Create requirements document (PA0) | Vu Hoang Phuc |
| 27/10/2022 | 1.1 | Write Software Developing Plan | Vu Hoang Phuc |
| 15/11/2022 | 1.2 | Update Software Developing Plan PA2 | Vu Hoang Phuc |
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Table of Contents

[**1. Introduction**](#_heading=h.30j0zll) **4**

[**2. Project Overview**](#_heading=h.1fob9te) **4**

[*2.1 Project Purpose, Scope, and Objectives*](#_heading=h.3znysh7) *4*

[*2.2 Assumptions and Constraints*](#_heading=h.2et92p0) *4*

[*2.3 Project Deliverables*](#_heading=h.tyjcwt) *4*

[**3. Project Organization**](#_heading=h.3dy6vkm) **5**

[*3.1 Organizational Structure*](#_heading=h.1t3h5sf) *5*

[*3.2 Roles and Responsibilities*](#_heading=h.4d34og8) *5*

[**4. Management Process**](#_heading=h.2s8eyo1) **5**

[*4.1 Project Estimates*](#_heading=h.17dp8vu) *5*

[*4.2 Project Plan*](#_heading=h.3rdcrjn) *5*

[4.2.1 Phase and Iteration Plan](#_heading=h.26in1rg) 5

[4.2.2 Releases](#_heading=h.35nkun2) 6

[4.2.3 Project Schedule](#_heading=h.1ksv4uv) 6

[*4.3 Project Monitoring and Control*](#_heading=h.44sinio) *7*

[4.3.1 Reporting](#_heading=h.2jxsxqh) 7

[4.3.2 Risk Management](#_heading=h.3j2qqm3) 7

[4.3.3 Configuration Management](#_heading=h.4i7ojhp) 7

Software Development Plan

# 

# Introduction

This document describes the development step by step. It covers planning, ideation, development, deployment, launch and maintenance.

# 

# Project Overview

## Project Purpose, Scope, and Objectives

* **Purpose:** Provide a website for people to read books online.
* **Scope:** Everyone can access and read books easily.
* **Objectives:** Create a website to read books online.

## Assumptions and Constraints

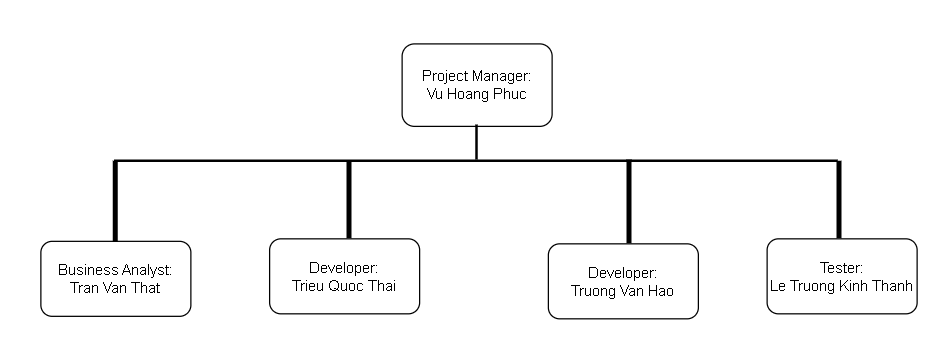
* Project has 5 people, there will be no more people added during the project.
* The project will be completed on time.
* Team members have skills about html, css, javascript, nosql, git.
* Each sprint will occur in about 2 weeks.
* The technology used: coding in IDE Visual Studio Code, managing source in GitHub, meeting in google meet, creating documents in Microsoft word.
* Zero-budget project.
* The project will be done in 3 months.
* Environment working: remote, sometime offline to meet and discuss.

## Project Deliverables

* Weekly Report: every 2 weeks
* Requirements Preview: 20/10/2022
* Vision document: 2/11/2022
* Developing plan: 2/11/2022
* Design, Data Model: 16/11/2022
* UI Design Finish: 29/11/2022
* Test Plan: 26/12/2022
* Project Deliver dates: 28/12/2022

# Project Organization

## Organizational Structure

**

## Roles and Responsibilities

|  |  |
| --- | --- |
| **Person** | **Role** |
| Vu Hoang Phuc, Project Manager | Write project plan(including assign tasks)  Monitor and report status (sprint report)  Coordinate meetings  Contact point for the project |
| Tran Van That, BA | Document requirement (interview customer,etc)  Communicate with team members about the requirements  Coordinate to review requirements |
| Le Truong Kinh Thanh, Tester | Execute and log the tests, evaluate the results and document problems found |
| Trieu Quoc Thai, Developer | Writing and implementing software code  Managing software |
| Truong Van Hao, Developer | Writing and implementing software code  Managing software |

# Management Process

## Project Estimates

## Project Plan

### Phase and Iteration Plan

5 phases of the project:

**Inception:**

PA1 (21/10/2022 - 02/11/2022): Project plan, vision document, weekly report

**Elaboration:**

PA2: (03/11/2022 - 16/11/2022)

PA3: (17/11/2022 - 30/11/2022)

Revised project plan, vision document

Use case document with a revised use case model

Design document (including UI prototypes, architecture document)

Test plan

Weekly reports

**Construction:**

PA4: (01/12/2022 - 14/12/2022)

PA5: (15/12/2022 - 28/12/2022)

Revised artifacts submitted in Elaboration

Test cases

Source code

Test report

Defects

Weekly reports

Presentation + Demo

### Releases

* Demo : Complete basic of website interface, basic functions such as reading books, evaluating

Date: 28/12/2022

* Beta: Provide user testing experience, categorizes and offers more books

Date: 1/2023

### Project Schedule

*Graphical user interface, application, table

Description automatically generated*

*Chart

Description automatically generated*

*Table

Description automatically generated*

*Calendar

Description automatically generated with medium confidence*

## Project Monitoring and Control

### Reporting

* Meeting online
* Chatting in slack,messenger

### Risk Management

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Risk ID | Risk Description | Probability | Impact | Risk Exposure | Priority | Mitigation Strategy or Contingency Plan |
|  |  |  |  | =Probability \* Impact |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

### Configuration Management

* Google Drive for storing and sharing documents and files
* Github to manage source code and related files
* Google Meet for meeting and discussing
* Jira for assigning the task
* Slack for chatting and discussing
* Figma for designing UX/UI
* Visual Studio Code for coding
* Trello to schedule the task