# Alpha-SE

EBook4U Software Development Plan Version <1.2>

EBook4U	Version: 1.2
Software Development Plan	Date: 15/11/2022
Vu Hoang Phuc	

# **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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# **Software Development Plan**

## 1. Introduction

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

# 2. Project Overview

### 2.1 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.

### 2.2 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.

#### 2.3 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

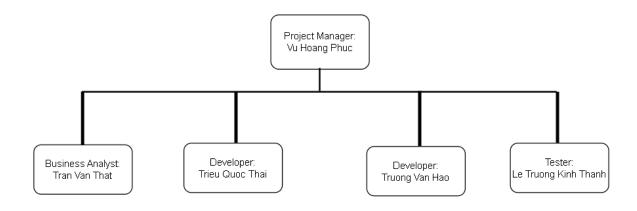
- Test Plan: 26/12/2022

- Project Deliver dates: 28/12/2022

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# 3. Project Organization

# 3.1 Organizational Structure



## 3.2 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

# 4. Management Process

# 4.1 Project Estimates

## 4.2 Project Plan

## 4.2.1 Phase and Iteration Plan

5 phases of the project:

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#### **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

#### 4.2.2 Releases

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

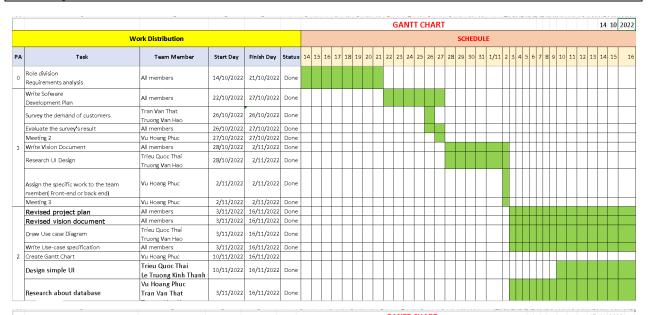
Date: 28/12/2022

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

Date: 1/2023

## 4.2.3 Project Schedule

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PA	Task	Team Member	Start Day	Finish Day	Status	17	18 1	19 2	0 21	22	23	24 2	.5 2	5 27	28	29 3	1	2	3	4 5/	12 6	7 8	9 #	# #	# #	14 1	5 16	17 1	18 19	20	21
	Front End	Trieu Quoc Thai Le Truong Kinh Thanh	17/11/2022	14/12/2022																											
	Home	Trieu Quoc Thai	17/11/2022	30/11/2022	Doing																			Ш	Ш						
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	Log in, Sign up	Trieu Quoc Thai Le Truong Kinh Thanh	17/11/2022	30/11/2022	Doing																										
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3,4	Reader: Search book	Trieu Quoc Thai Le Truong Kinh Thanh	17/11/2022	30/11/2022	Doing				Г	П																					T
	Reader: Edit profile	Trieu Quoc Thai Le Truong Kinh Thanh	1/12/2022	14/12/2022	To do																										
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PA	Task	Team Member	Start Day	Finish Day	Status	14	15 1	.6 17	18	9 20	21	22	23 2	4 25	26	27	28 2	9 30	31	1/1	2 3	3 4	5 6	7 8	3 9	10	11 1	12 1	3 14	15	16	17
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c	Test report	Le Truong Kinh Thanh	24/12/2022	24/12/2022	To do																П	П			П			$\perp$				Ξ
J	Fix errors	All members	25/12/2022	26/12/2022	To do																							I				Ξ
	Deliver product	All members	28/12/2022	28/12/2022	To do																							$\perp$				_
		Note																														
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		Done																														

## 4.3 Project Monitoring and Control

## 4.3.1 Reporting

- Meeting online
- Chatting in slack,messenger

# 4.3.2 Risk Management

Risk	Risk	Probability	Impact	Risk	Priority	Mitigation Strategy or Contingency Plan
ID	Description			Exposur		
				e		
				=Probab ility * Impact		

### 4.3.3 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