Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 09/Dec/24> | 1.0 | Init document and fill project information | Huy Nguyen |

Table of Contents

1. Introduction 5

1.1 Purpose 5

1.2 Scope 5

1.3 Definitions, Acronyms, and Abbreviations 5

1.3.1 Defintions 5

1.3.2 Acronyms 5

1.3.3 Abbreviations 5

1.4 References 5

1.5 Overview 5

2. Project Overview 5

2.1 Project Purpose, Scope, and Objectives 5

2.2 Assumptions and Constraints 6

2.3 Project Deliverables 6

2.4 Evolution of the Software Development Plan 6

3. Project Organization 7

3.1 Organizational Structure 7

3.2 External Interfaces 7

3.3 Roles and Responsibilities 7

4. Management Process 7

4.1 Project Estimates 7

4.2 Project Plan 7

4.2.1 Phase Plan 7

4.2.2 Iteration Objectives 7

4.2.3 Releases 7

4.2.4 Project Schedule 7

4.2.5 Project Resourcing 7

4.2.6 Budget 8

4.3 Iteration Plans 8

4.4 Project Monitoring and Control 8

4.4.1 Requirements Management Plan 8

4.4.2 Schedule Control Plan 8

4.4.3 Budget Control Plan 8

4.4.4 Quality Control Plan 8

4.4.5 Reporting Plan 8

4.4.6 Measurement Plan 8

4.5 Risk Management Plan 8

4.6 Close-out Plan 8

5. Technical Process Plans 8

5.1 Development Case 8

5.2 Methods, Tools, and Techniques 9

5.3 Infrastructure Plan 9

5.4 Product Acceptance Plan 9

6. Supporting Process Plans 9

6.1 Configuration Management Plan 9

6.2 Evaluation Plan 9

6.3 Documentation Plan 9

6.4 Quality Assurance Plan 9

6.5 Problem Resolution Plan 9

6.6 Subcontractor Management Plan 9

6.7 Process Improvement Plan 9

7. Additional Plans 9

8. Annexes 10

9. Index 10

# 

# Introduction

## Purpose

This document provide an overview of project information.

## Scope

This project only present the plan for software development project what is development the e-commerce system for selling baby toys and teddy-bear.

## Definitions, Acronyms, and Abbreviations

### Defintions

None

### Acronyms

|  |  |  |
| --- | --- | --- |
| **Acronyms** | **Meaning** | **Description** |
| SD | Software Development |  |
| PLN | Plan |  |
| TSK | Task |  |

### Abbreviations

None

## References

|  |  |  |
| --- | --- | --- |
| **ID** | **Document** | **References** |
| doc-01-sdpln | Software Development Plan |  |
| doc-02-vis | Vision Document |  |
| doc-03-srs | Software Requirement Specification |  |
| doc-04-ucspec | Use-case Specification Document |  |
| doc-05-sad | Software Architecture Document |  |
| doc-06-tstpln | Test Plan Document |  |
| doc-07-tsteval | Test Evaluation Summary |  |

## Overview

Document define the information of project, software process which is used for software development process, definition of done with project goal.

# Project Overview

## Project Purpose, Scope, and Objectives

The purpose of this project will develop the e-commerce system for selling toys and teddy-bear for children.

The scope of project is

* Develop the website for customer to be able search detail information of item which the want to buy for their children.
* Develop the admin dashboard for the employees of company to control orders, to manage production information.
* The system support to integrate with payment gateway services for the customer be able check-out the order online.

The objective of project is

* Deliver the system for bussiness requirement.
* Deliver the document of the system.
* Deploy the system to server and public the system to production.

## Assumptions and Constraints

The project will be developed with 03 month with the budget 100.000 USD.

The staff which join to this project have 2 team

* The bussiness team of client who will present the bussiness requirements.
* The development team have responsibility to analyst requirement, design system, implementation, testing and deploy the system to production.

## Project Deliverables

|  |  |  |
| --- | --- | --- |
| **#** | **Delivery items** | **Delivery dates** |
| 1 | SRS document | week-01 |
| 2 | System Design document | week-02 |
| 3 | Release website for cusomer | week-03 to week-08 |
| 4 | Release admin dashboard | week-09 to week-10 |
| 5 | Deployment system to Production Server | week-11 |
| 6 | Public system and guide the client’s employees to operate the system | week-12 |

## Evolution of the Software Development Plan

|  |  |
| --- | --- |
| **Version** | **Description** |
| 1.0 | The system is only developed for basic bussiness requirement. This is current version now. |
| 2.0 | The system supoort for online payment. |
| 3.0 | The system will integrate with Shiping Services. |
| 4.0 | The system can manage storage. |
| 5.0 | The system can support to process automation orders and integrate AI chatbot to support customers. |

# Project Organization

## Organizational Structure

|  |  |
| --- | --- |
| **Team name** | **Description** |
| Bussiness Team | The team of client who will present the bussiness requirement. |
| Development Team | The team will develop the system. |
| Project Manager | The person of Development team to manage and control progression of project. |

## External Interfaces

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Extenal group name** | **External contact** | **Internal contact** |
| BUS | Bussiness team | Mr. Vinh – CEO [vinh@babyshop.com](mailto:vinh@babyshop.com) | Mr. Huy – PM [huy@sestud.io](mailto:huy@sestud.io) |
| PGS | Payment Gateway Services team | Mr. Bao – Technical Lead [bao@vnpay.vn](mailto:bao@vnpay.vn) | Mr. Huy – PM [huy@sestud.io](mailto:huy@sestud.io) |

## Roles and Responsibilities

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Role** | **Name** | **Responsibility** |
| 1 | Project Manager | Huy Nguyen | Control progress and quality of project. |
| 2 | Bussiness Analyst | Huy Nguyen | Analyst requirement and contact with client |
| 3 | Developer | Vinh Le, Bao Nguyen | Desigen and development the system |
| 4 | Quality Control | Bao Nguyen | Control the quality of system |

# Management Process

## Project Estimates

We use Use-case Point Analysis method to analyst and estimate the project with parameters:

* Unadjusted Use Casse Weight (UUCW).
* Unadjusted Actor Weight (UAW).
* Technical Complexity Factor (TCF).
* Environmental Complexity Factor (ECF).

The fomular of Use-case Point Analysis is

UPC is presenting the Cost (hours) for estimate project.

So that, toal value of project will be presented by this fomula

with

When the bussiness requirement is changed, all takeholder will discuss and re-estimate project with use-case to be changed.

## Project Plan

### Phase Plan

[Include the following:

* Work Breakdown Structure (WBS)
* a timeline or Gantt chart showing the allocation of time to the project phases or iterations
* identify major milestones with their achievement criteria

Define any important release points and demos.]

### Iteration Objectives

[List the objectives to be accomplished for each of the iterations.]

### Releases

[A brief description of each software release and whether it’s demo, beta, and so on.]

### Project Schedule

[Diagrams or tables showing target dates for completion of iterations and phases, release points, demos, and other milestones.]

### Project Resourcing

#### Staffing Plan

[Identify the numbers and type of staff required here, including any special skills or experience, scheduled by project phase or iteration.]

#### Resource Acquisition Plan

[Describe how you will approach finding and acquiring the staff needed for the project.]

#### Training Plan

[List any special training project team members will require, with target dates for when this training should be completed.]

### Budget

[Allocation of costs against the WBS and the Phase Plan.]

## Iteration Plans

[Each iteration plan will be enclosed in this section by reference.]

## Project Monitoring and Control

### Requirements Management Plan

[Enclosed by reference.]

### Schedule Control Plan

[Describe the approach taken to monitor progress against the planned schedule and how to take corrective action when required.]

### Budget Control Plan

[Describe the approach to be taken to monitor spending against the project budget and how to take corrective action when required.]

### Quality Control Plan

[Describe the timing and methods to be used to control the quality of the project deliverables and how to take corrective action when required.]

### Reporting Plan

[Describe internal and external reports to be generated, and the frequency and distribution of publication.]

### Measurement Plan

[Enclosed by reference.]

## Risk Management Plan

[Enclosed by reference.]

## Close-out Plan

[Describe the activities for the orderly completion of the project, including staff reassignment, archiving of project materials, post-mortem debriefings and reports, and so forth.]

# Technical Process Plans

## Development Case

[Enclosed by reference.]

## Methods, Tools, and Techniques

[List the documented project technical standards, etc., by reference:

* Business Modeling Guidelines
* User Interfaces Guidelines
* Use-Case-Modeling Guidelines
* Design Guidelines
* Programming Guidelines
* Test Guidelines
* Manual Style guide]

## Infrastructure Plan

[Enclosed by reference]

## Product Acceptance Plan

[Enclosed by reference]

# Supporting Process Plans

## Configuration Management Plan

[Enclosed by reference]

## Evaluation Plan

[As part of the **Software Development Plan,** this describes the project’s plans for product evaluation, and covers the techniques, criteria, metrics, and procedures used for evaluation— this will include walkthroughs, inspections, and reviews. Note that this is in addition to the Test Plan, which is not enclosed in the **Software Development Plan**.]

## Documentation Plan

[Enclosed by reference.]

## Quality Assurance Plan

[Enclosed by reference.]

## Problem Resolution Plan

[Enclosed by reference.]

## Subcontractor Management Plan

[Enclosed by reference.]

## Process Improvement Plan

[Enclosed by reference.]

# Additional Plans

[Additional plans if required by contract or regulations.]

# Annexes

[Additional material of use to the reader of the **Software Development Plan**.]

# Index