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**Group 7**

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**Honie Cosmetics**  
**Software Development Plan**  
Version 2.0

Honie Cosmetics	Version: 2.0
Software Development Plan	Date: 25/11/2022

## Revision History

Date	Version	Description	Author
08/11/2022	1.0	Basic Project Planning	Team Leader
25/11/2022	2.0	Update	Team Leader

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# Software Development Plan

## 1. Introduction

- **Purpose:**

- The project manager uses it to plan the project schedule and resource needs, and to track progress against the schedule.
- Project team members use it to understand what they need to do, when they need to do it, and what other activities they are dependent upon.

- **Scope:**

- This Software Development Plan describes the overall plan to be used by the Honie Cosmetics project, including deployment of the product. The details of the individual iterations will be described in the Iteration Plans.
- The plans as outlined in this document are based upon the product requirements as defined in the Vision Document.

- **Overview:**

- This Software Development Plan contains the following information:
- Project Overview — provides a description of the project's purpose, scope, and objectives. It also defines the deliverables that the project is expected to deliver.
- Project Organization — describes the organizational structure of the project team.
- Management Process — explains the estimated cost and schedule, defines the major phases and milestones for the project, and describes how the project will be monitored.
- Applicable Plans and Guidelines — provides an overview of the software development process, including methods, tools and techniques to be followed.

## 2. Project Overview

### 2.1 Project Purpose, Scope, and Objectives

- Products are developed with the purpose of increasing sales for sellers and more convenient for customers who want to buy cosmetics. The product will be developed in the form of a website for users including sales people or customers.

### 2.2 Assumptions and Constraints

- Budget: 50 million VND.
- Staff: Dev, BA, tester, PM.
- Device: laptop, phone
- Schedule: 12 weeks, as specified in section 4.2.3 Project Schedule.

### 2.3 Project Deliverables

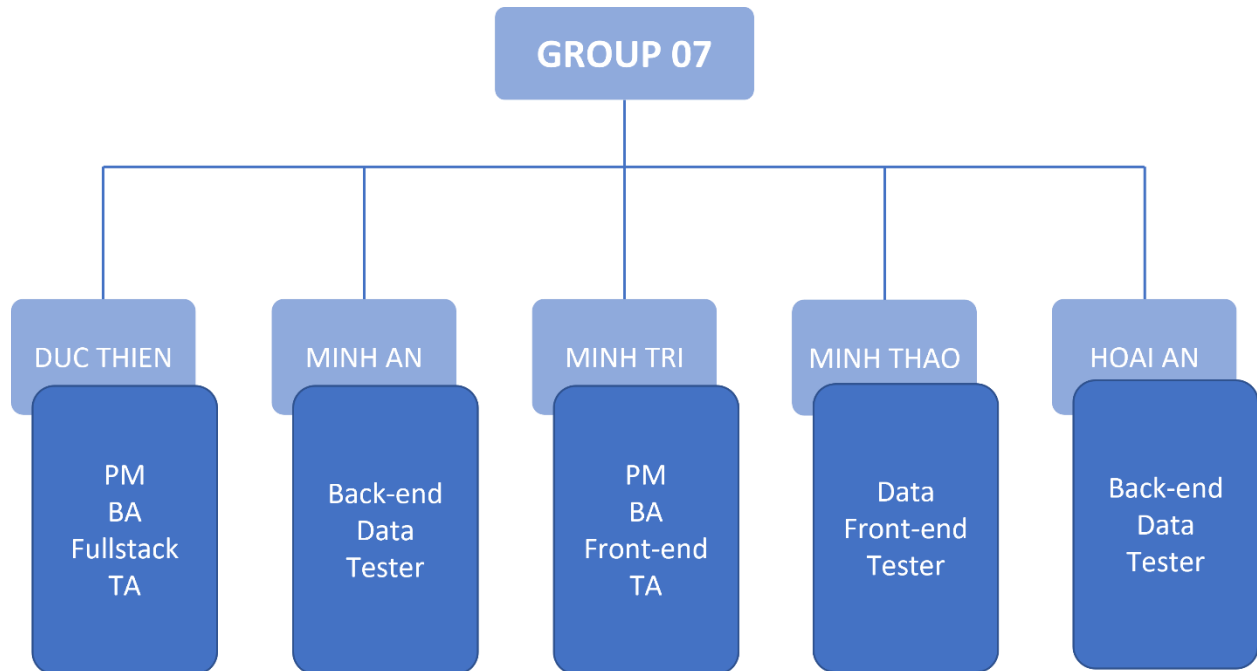
- Deliverables for each project phase are identified in the Development Case.
- Deliverables are delivered towards the end of the interaction, as specified in section

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#### 4.2.4 Project Schedule.

### 3. Project Organization

#### 3.1 Organizational Structure



#### 3.2 Roles and Responsibilities

Person	Roles
Minh Tri	PM, BA, FE, TA
Minh An	BE, Data, Tester
Minh Thao	Data, FE, Tester
Duc Thien	PM, BA, Fullstack, TA
Hoai An	BE, Data, Tester

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## 4. Management Process

### 4.1 Project Estimates

- The project will take more than 2 months to complete from October 25th, 2022 to January 14th, 2023.
  - + First week: Build interface of a page web
  - + Next 2 weeks: Practice implementing functions and continuing to build user interfaces
  - + Week 4<sup>th</sup>: Add functions and edit the interface to complete the web
  - + Week 5<sup>th</sup>: Use, experience to find errors and fix
  - + Last week: Complete and presentation.
- Re-estimate will occur when have new feature..

### 4.2 Project Plan

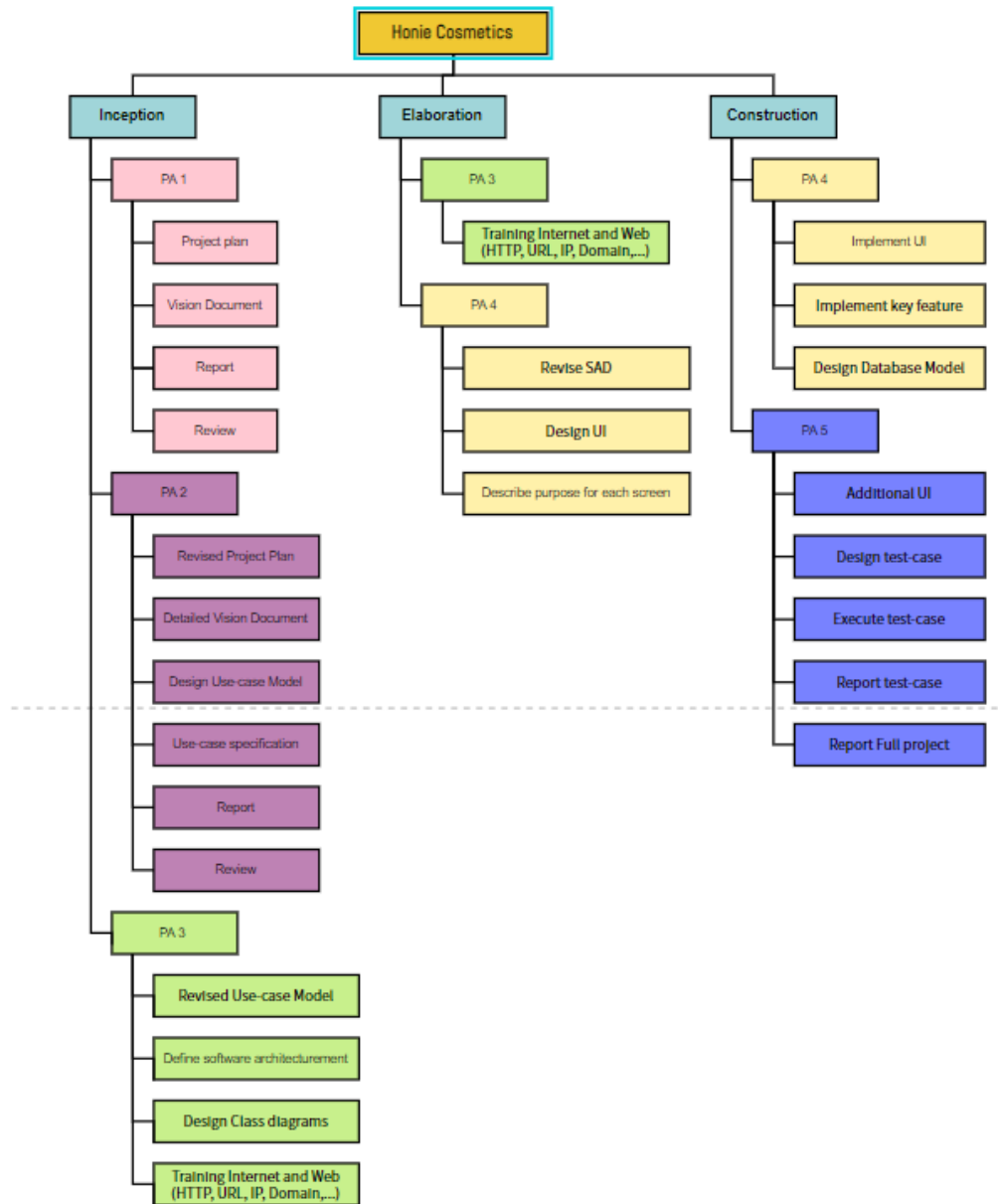
#### 4.2.1 Phase, Iteration Plan and Project Schedule

PHASE AND ITERATION PLAN											
PHASE SPRINT	INCEPTION					ELABORATION		CONSTRUCTION			
	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11
PA0											
PA1											
PA2											
PA3											
PA4											
PA5											

- *Inception:* PA0, PA1, PA2
- *Elaboration:* PA3, PA4.
- *Construction:* PA3, PA4, PA5

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❖ **Work Breakdown Structure:**

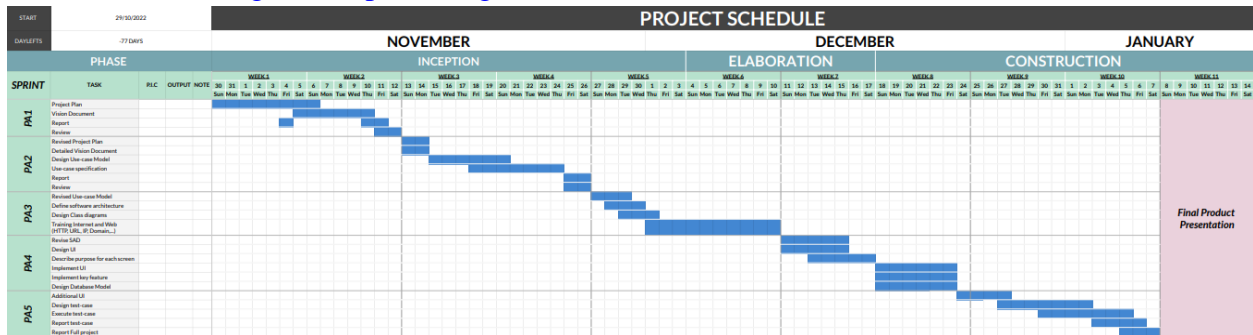


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❖ **General timeline for project:**

- Link of Project Plan:

<https://docs.google.com/spreadsheets/d/19WowhOejLx6MkGLL7B0ykdHLi4CejePM44Lk9-MOt2g/edit?usp=sharing>



❖ **Specific for each sprint:**

- Sprint 01:

SPRINT	TASK	OUTPUT	NOTE	WEEK 1							WEEK 2						
				30	31	1	2	3	4	5	6	7	8	9	10	11	12
				Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
PA1	Project Plan																
	Vision Document																
	Report																
	Review																

- Sprint 02:

SPRINT	TASK	OUTPUT	NOTE	WEEK 3							WEEK 4						
				13	14	15	16	17	18	19	20	21	22	23	24	25	26
				Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
PA2	Revised Project Plan																
	Detailed Vision Document																
	Design Use-case Model																
	Use-case specification																
	Report																
	Review																

- Sprint 03:

SPRINT	TASK	OUTPUT	NOTE	WEEK 5							WEEK 6						
				27	28	29	30	1	2	3	4	5	6	7	8	9	10
				Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
PA3	Revised Use-case Model																
	Define software architecture																
	Design Class diagrams																
	Training Internet and Web (HTTP, URL, IP, Domain,...)																



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➤ Sprint 04:

SPRINT	TASK	OUTPUT	NOTE	WEEK 7							WEEK 8						
				11	12	13	14	15	16	17	18	19	20	21	22	23	24
				Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
PA4	Design UI																
	Describe purpose for each screen																
	Implement UI																
	Implement key feature																
	Design Database Model																

➤ Sprint 05:

SPRINT	TASK	OUTPUT	NOTE	WEEK 9							WEEK 10							
				24	25	26	27	28	29	30	31	1	2	3	4	5	6	7
				Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
PA5	Additional UI																	
	Design test-case																	
	Execute test-case																	
	Report test-case																	
	Report Full project																	

#### 4.2.2 Releases

- PA5: 1 release and bug fix
- PA6: Final release.

### 4.3 Monitoring and Control

#### 4.3.1 Reporting

Methods for updating project status:

- Weekly meeting: Meet and share the knowledge learned in the past 1 week
- Git, GitHub: Synchronize code between members
- Slack: Communicating, exchanging via text

#### 4.3.2 Risk Management

Risk ID	Risk Description	Probability	Impact	Priority	Mitigation Strategy or Contingency Plan
1	Server bug	100%	The server is down, the	High	Identify bugs, analyze and resolve bugs

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			system is unusable		
2	UI, UX bug	100%	Affecting operation and user experience	High	Stick to Figma to do, avoid following personal opinions
3	Database load	100%	Data operations can't work, system error	High	Manage the data and call it out logically
4	Code conflicts between members	90%	Bug, affect the whole system	High	Merging style codes when we start
5	Inappropriate work assignment	60%	Conflicts easily arise, not complete the assignment	Medium	Communicate with members when assigning tasks
6	Miss the deadline	90%	Slow progress, affect others	High	Communicate with members, call for support
7	Team conflict	100%	Influence the entire project	High	Set meeting, communicate, listening and sharing together to understand each other, resolve conflicting problems
...					

#### 4.3.3 Configuration Management

- Requests for this system are documented in the Vision Document. When there are management requirements changes, a Change Request is used to document those requirements and get approved as part of the Process Management configuration.