
Group03 – Table of Five™

**Hotel Management Website
Software Development Plan (Small Project)
Version <1.1>**

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Software Development Plan (Small Project)	Date: 12/11/2022
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Revision History

Date	Version	Description	Author
10/11/2022	1.0	Create a project plan	Nguyen Le Son
12/11/2022	1.1	Change Organizational Structure, and Edit Project Plan	Nguyen Le Son

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Software Development Plan (Small Project)

1.

2. Introduction

2.1 Purpose

The purpose of the *Software Development Plan* is to gather all information necessary to control the project. It describes the approach to the development of the software and is the top-level plan generated and used by managers to direct the development effort.

The following people use the *Software Development Plan*:

- 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.

2.2 Scope

This *Software Development Plan* describes the overall plan to be used by the Hotel Management 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*.

2.3 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.

3. Project Overview

3.1 Project Purpose, Scope, and Objectives

With the goal of supporting hotels in managing their employees and customers, this project was implemented with the aim of creating a management program specifically for hotels. The above program helps to support the management of staff in the hotel and creates tools to support convenient services for customers.

3.2 Assumptions and Constraints

Tine to make the project: 8 weeks(include 2 weeks of learning flutter, API,...)

Equipment: A device that can code the program and have a lot of storage space in device to do.

Staff: All the member in the group.

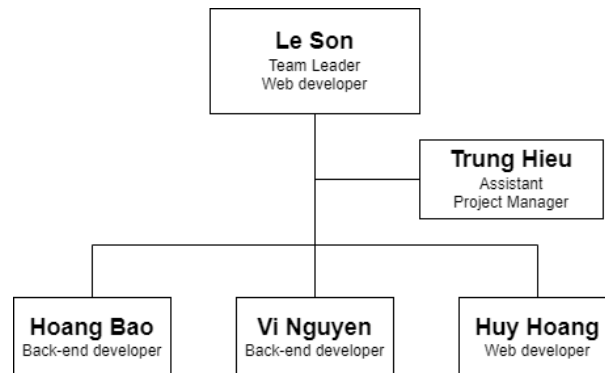
3.3 Project Deliverables

Deliverables for each project phase are indentified in the Development Case. Deliverables are delivered toward at the end of the iteration (in 4.2)

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4. Project Organization

4.1 Organizational Structure



4.2 Roles and Responsibilities

Person	Role	Responsibility
Nguyen Le Son	Team leader, Web developer	Leader of team; Manage the project: Make a schedule for the project, check the process,...; Code, maintain and update the website
Le Tran Trung Hieu	Assistant, Project Manager	Support other roles if they need help, manage projects on Github
Vu Huy Hoang	Web developer	Code, maintain and update the website
Tran Le Hoang Bao	Back-end developer	Code the back-end data structure for the website
Lam Vi Nguyen	Back-end developer	Code the back-end data structure for the website

5. Management Process

5.1 Project Estimates

Time cost for the project: 8 weeks.(In clude 2 weeks to learning new code language and 6 weeks to work)

Budget cost: Free (Using free source to do)

5.2 Project Plan

No.	Task	Request	Member take part in	Start	End
1	Learning Flutter	Find and learn Flutter.	All Members in group	15/10/2022	28/11/2022
2	Create the website	Code the website by Flutter. In this website, it will have all the function that team are listed in the meeting(PA0).	Nguyen Le Son, Vu Huy Hoang	07/11/2022	20/11/2022
3	Create the back-end for the website	Find the API that will need and code the back-end of the website.	Lam Vi Nguyen, Tran Le Hoang Bao	07/11/2022	20/11/2022
4	Combine the	Code the system	Lam Vi Nguyen,	After the	05/12/2022

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	website and back-end	that combine the website and back-end.	Tran Le Hoang Bao, Vu Huy Hoang, Le Tran Trung Hieu	deadline of Task 2,3	
5	Manage the project in Github	Check pull requests from all the members and manage the project in Github.	Le Tran Trung Hieu	16/10/2022	Release the final product
6	Make a schedule of weekly meeting and write report	Make a schedule of weekly meeting and write report.	Nguyen Le Son		
7	Test and fix the bug		All the members of the group	After the deadline of Task 4	19/12/2022
8	Do the PA_		Member that Team leader chose	In progress	In progress

5.3 Project Monitoring and Control

5.3.1 Requirements Management

The requirements for this system are captured in the Vision document. Requested changes to requirements are captured in Change Requests, and are approved as part of the Configuration Management process.

5.3.2 Reporting and Measurement

None

5.3.3 Risk Management

Risks will be identified in Inception Phase using the steps identified in the RUP for Small Projects activity "Identify and Assess Risks". Project risk is evaluated at least once per iteration and documented in this table. The risks of the greatest magnitude are listed first in the table.

Risk Ranking (High, Medium, Low)	Risk Description and Impact	Mitigation Strategy and/or Contingency Plan
High	Web developer don't know enough about flutter	Have someone with better knowledge on flutter help the other person
Medium	Can't work on their task due to other subject deadline	Project manager has to reschedule and scale down expectation
Medium	The one that owns the github project don't response	Transfer the managing right to the other person
Low	Faulty pull request merge	Revert to earlier working version

5.3.4 Configuration Management

Appropriate tools will be selected which provide a database of Change Requests and a controlled versioned repository of project artifacts.

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All source code, test scripts, and data files are included in baselines. Documentation related to the source code is also included in the baseline, such as design documentation. All customer deliverable artifacts are included in the final baseline of the iteration, including executables.