
Group 01

**Web Movie Booking
Software Development Plan (Small Project)
Version <1.0>**

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Revision History

Date	Version	Description	Author
05/12/2022	1.0	Plan documentation for the first sight about project.	Group 01

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Software Development Plan (Small Project)

1. Introduction

The introduction of the **Software Development Plan** provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **Software Development Plan**.

1.1 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.

1.2 Scope

This *Software Development Plan* describes the overall plan to be used by the Web Booking Movies 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*.

1.3 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.

2. Project Overview

2.1 Project Purpose, Scope, and Objectives

This project inspired from Netflix, a platform recommends movies for people effectively. Therefore, this project help people easier to choose film on cinema based on their favorites as well as buy tickets online quickly. This project also supports for the staff at cinema to manage user information more convenient.

2.2 Assumptions and Constraints

This project is estimated for zero-budget. In addition, the number of staffs is optimized for any small cinema want to take part in this industry.

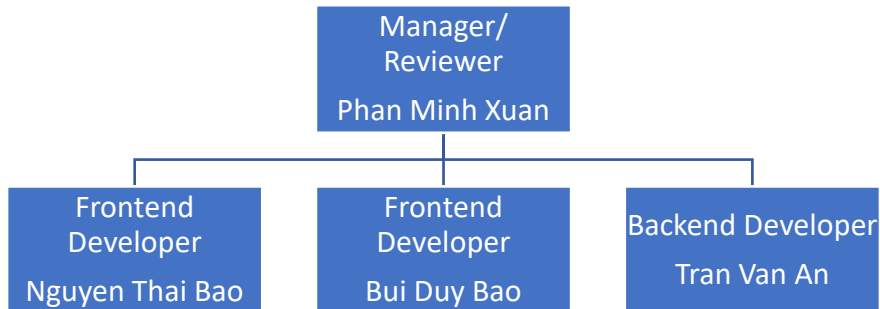
2.3 Project Deliverables

Deliverables for each project phase are identified in the Development Case. Deliverables are delivered toward the end of the iteration, as specified in section 4.2.4 *Project Schedule*.

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3. Project Organization

3.1 Organizational Structure



3.2 Roles and Responsibilities

Person	Role
Phan Minh Xuan, Manager	Review code, set tasks and schedule timeline, develop UI.
Nguyen Thai Bao, Frontend Developer	Develop UI for the website
Bui Duy Bao, Frontend Developer	Connect and handle APIs from backend
Tran Van An, Backend Developer	Create APIs, handle database, write documentation for the Frontend Developer

4. Management Process

4.1 Project Estimates

- Schedule for the project: 12 weeks
- The cost of this project is around 5000\$ which includes paying salary for developers, hosting domain and processing cost.

4.2 Project Plan

4.2.1 Project schedule

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Task	Start	End	Achievement
PA0 Begin	20/10/2022	29/10/2022	
Kick-off	21/10/2022	21/10/2022	
Group registration	21/10/2022	21/10/2022	
Add tasks to project	21/10/2022	21/10/2022	
Kick-off meeting	21/10/2022	21/10/2022	
Choose topic for the project	21/10/2022	21/20/2022	
Analyst the requirement	22/10/2022	23/10/2022	
Create GitHub, Jira	25/10/2022	26/10/2022	
Review and submit PA0	27/10/2022	29/10/2022	
PA1 Completed		29/10/2022	Finish project proposal
PA1 Begin	01/11/2022	12/11/2022	
Add tasks for each member	01/11/2022	01/11/2022	
Self-training knowledge	01/11/2022	05/11/2022	
UI design	06/11/2022	08/11/2022	
Create APIs for authorization	06/11/2022	08/11/2022	
Create Vision Document	03/11/2022	09/11/2022	
Create Plan Document	03/11/2022	09/11/2022	
Write weekly report	10/11/2022	12/11/2022	
PA2 Completed		12/11/2022	Finish Vision Document and Plan Document, overall UI

4.2.2 Project phase

4.3 Project Monitoring and Control

4.3.1 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.

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4.3.2 Reporting and Measurement

4.3.3 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
Medium	Conflict between dependencies of project	Change the alternative dependency or cut off the less priority function.
High	The initial components design for the system is not suitable which leads to could not develop more.	Research best practices carefully from the start and choose the stable way
Low	Framework for programing does not support for exist OS	Change the framework or change the exist OS.

4.3.4 Configuration Management