
<GROUP3>

<SHOES PURCHASE>
Software Development Plan (Small Project)
Version <1.4>

<Group03>	Version: <1.4>
Software Development Plan (Small Project)	Date: <23/11/2022>
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Revision History

Date	Version	Description	Author
04.11.2022	<1.0>	Discuss the general instructions, making basics	All members of Group03
11.11.2022	<1.1>	Update the project plan	All members of Group03
18.11.2022	<1.2>	Update the report and training task	All members of Group03
21.11.2022	<1.3>	Update the report and training task more clearly: the detail and distribution	Vo Van Hoang
23.11.2022	<1.4>	Update the release project(time for presentation was announced by Lecturer. Ho Tuan Thanh)	Vo Van Hoang

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☐ Software Development Plan (Small Project)

1. Introduction

The introduction of this website is to provide an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **website**.

1.1 Purpose

The purpose of this Website is to post many kinds of shoes of providers which is for customers(users) search the website, see and purchase their favours..

- ☐ 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.

Types of people using this website:

- Administrator: Manage the website like uploading new products, the orders,...
- Registered User: Can access to the website with an account, select products to the cart, can also purchase products.
- Guest(without an account): Just can visit the website, not be able to buy something.

1.2 Scope

This *Software Development Plan* describes the overall plan to be used by the Shoes Purchasing 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.

Management Process — How will the project can be managed after every development.

2. Project Overview

2.1 Project Purpose, Scope, and Objectives

This Software Development Plan consists of some bellowing information:

- Project Purpose: Shoes Purchase is a place for people who want to update the trendy shoes products or buy shoes.
- Scope: This *Software Development Plan* describes the overall plan to be used by the Shoes Purchase 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*.
- Objectives: to make new shoes style, bring to customers high-quality shoes.

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2.2 Assumptions and Constraints

- Strategic risk: Insurance IT market is immature.
- Process risk: Disconnection between each member of a team (drop course, illness,...).
- Technical risk: Over emphasis on the technology and neglect of process.
- Budget: The limitation of budget in hiring a host
- Equipment: Do not have enough time to research for good database
- Staff: 5 people without experience in web-development can be a big challenge to develop it on time.
- Schedule: Have the probability to be late in completing the website because of lack of time for doing a large amount of deadlines in many different subjects.

2.3 Project Deliverables

Delivery dates: At the end of this course (about 3.5 months)

Product: A Shoes Purchasing Website

3. Project Organizatio

3.1 Organizational Structure

Management: Our team is divided into 3 small teams: writing report team (involved in making jira, monitoring time, support if needed as well), front-end team, back-end team, specially we have a supervisor-our theory lecturer Nguyen Minh Huy.

Review authorities: During the time doing this project, we have many team-meetings (both offline and online) so as to make sure that every member in team knows what is going on with the project, discuss and decide what to do next together.

3.2 Roles and Responsibilities

Person	Role
Võ Văn Hoàng (20127028)	Developer(Front-end), Tester
Nguyễn Đức Minh (20127049)	Data analysis, Developer(Front-end)
Ngô Văn Trung Nguyên (20127054)	Data manager, Designer(UI-UX)
Nguyễn Minh Tuấn (20127092)	Developer(Back-end), Tester
Phan Thành Lập (20127547)	Project manager, Developer(Bank-end)

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4. Management Process

4.1 Project Estimates

None

4.2 Project Plan

4.2.1 Phase Plan

— Work Breakdown Structure (WBS) — optional for small projects

- +Sign-in, Log-in, Log-out
- + Product information
- + Product images
- + Select size, colour of products into shopping cart
- + Comment and review
- + Report
- + Search products
- + Share link
- + Category and best seller
- + Report
- + Rate Star and give a tips
- + Manage order, sales
- + Payment

— A timeline or Gantt chart showing the allocation of time to the project phases or iterations:

PA0:

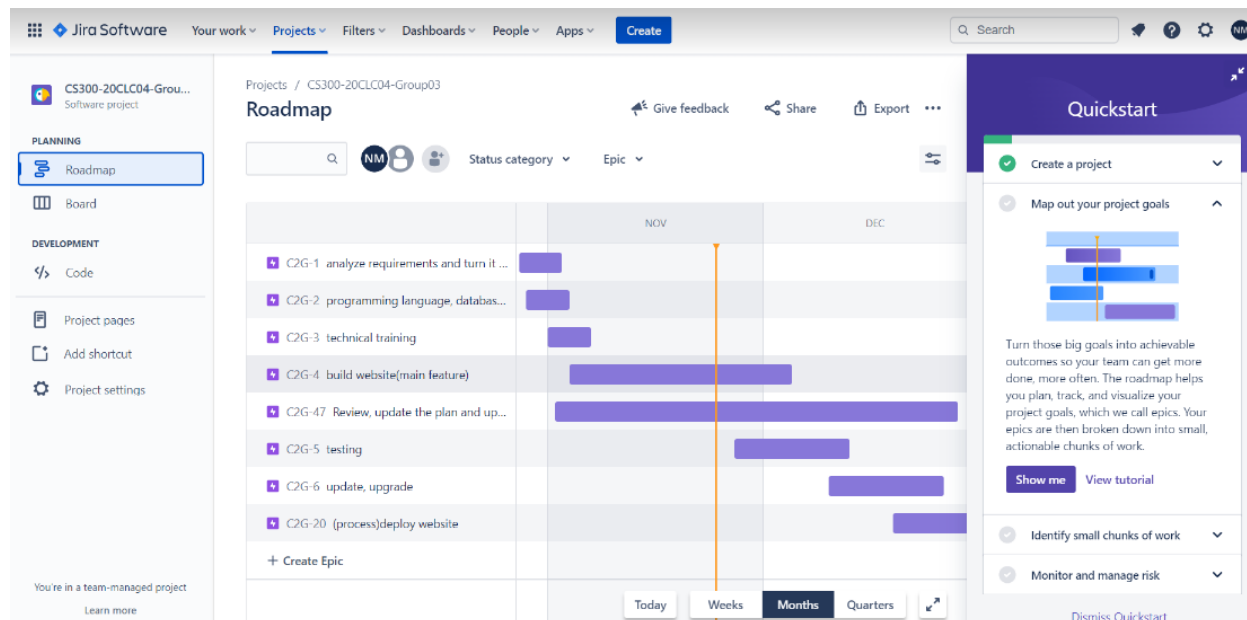
15.10.2022 - 29.10.2022: Decide which idea is chosen for the project so that it is suitable with the team's ability.

PA1:

30.10.2022 - 12.11.2022: Publish the beginning version of the documents where it contains the website's requirements analysis, role of team's members and planning for project.

Setup the channels for communication and sharing the project difficulties between team's member as well as the monitor , storage and control project(github,...).

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* Working process of PA1

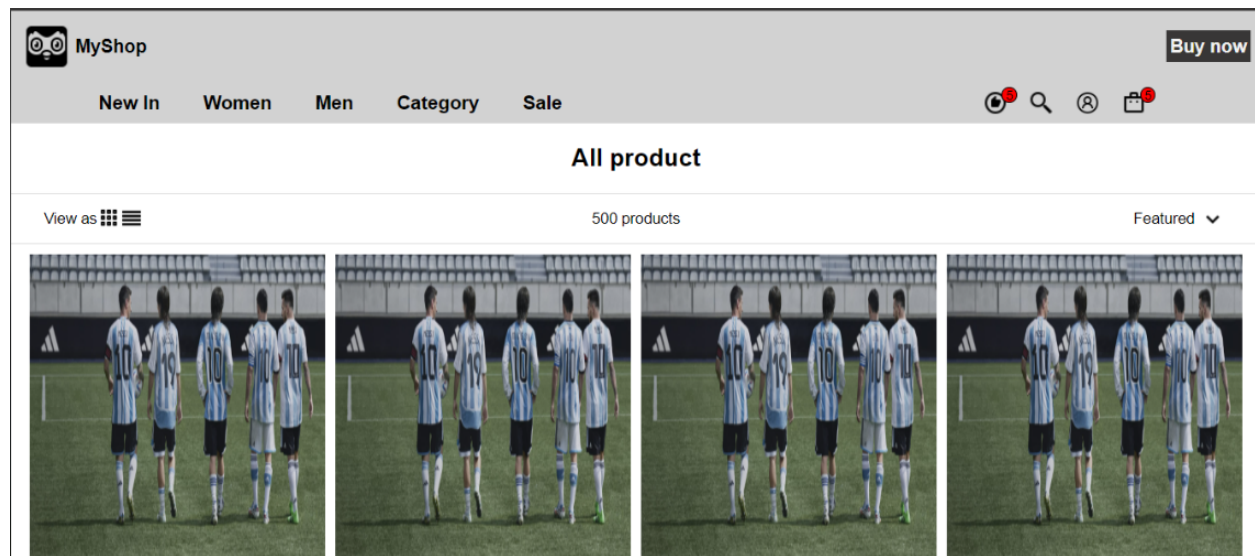
PA2:

13.11.2022 - 26.11.2022: Complete the project proposal planning. Complete, test and upgrade the front-end of the admin as well as fulfill API from back-end.

Update documents.

Team member	Completed Main Work
Vo Van Hoang - 20127028	- Fix Project Plan - Complete Login system feature
Nguyen Duc Minh - 20127049	- Fix Weekly Report - Complete Usecase model, case specification and display of Dashboard
Ngo Van Trung Nguyen - 20127054	- Fix Project Vision - Complete the Category feature
Nguyen Minh Tuan - 20127092	- Create team communication and add members for every meeting - Complete Forgot password feature, Usecase model, case specification
Phan Thanh Lap - 20127547	- Complete in general the main screen (picture bellow) - Provide knowledge and useful tool for team

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PA3:

27.11.2022-10.12.2022: Complete the project proposal planning. Complete, test and upgrade the front-end of the user as well as fulfill API from back-end.

Update documents.

PA4:

11.12.2022 - 26.12.2022: Complete general the main features of the project. Testing which ensures the website works well. After that, upgrade the additional features.

Update documents.

PA5 → PA6:

27.12.2022 - 03.01.2023: Testing the whole project and removing the additional feature added before if it does not work well.

—Identify major milestones with their achievement criteria:

26.11.2022: Must finish the register and login system because it relates to a lot of important features

10.12.2022: Complete the collected data: providers, products and the interact dashboard.,...

26.12.2022: Check and connect all the member's work, check and make sure for representation.

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4.2.2 Iteration Objectives

PA0: Meet team member and decide which project to make

PA1: Writing initial documents about project

PA2: Register/login system, product image, making some of the basic of front-end

PA3: Buying system, category, best seller, review and comment system,...

PA4: Search, check and finish the web

PA5 → PA6: Maintain and ready for representation

4.2.3 Releases

26.11.2022:

Must finish the register and login system because it relates to a lot of important features

10.12.2022:

Complete the collected data: providers, products and the interact dashboard,...

26.12.2022:

Check and connect all the member's work, check and make sure for representation.

4.2.4 Project Schedule(General for the whole team):

Date	Detailed work
15.10.2022-29.10.2022	- Give decision to do which project
30.10.2022-12.11.2022	- Making general plan and vision document for this project Set up Github
19.11.2022	- Release the register and login system
13.11.2022-26.11.2022	- Finish basic main page, finish login/register system, login/register page, research product images, finish profile page, show image page,... Fulfill API from back-end
27.11.2022-10.12.2022	- Making category page, best seller page, product cart, finish buying system,...
3.12.2022	- Release: Dashboard of the website with main features
11.12.2022-26.12.2022	- Finish search, making data collection, build comment, review system, finish what is left
20.12.2022	- Release: Review, rate and comment system
27.12.2022-03.01.2023	- Try to solve any problems that come up and complete this website

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4.2.5 Project Schedule(Specially for each member)

Name	Responsibility	Period of time
Vo Van Hoang	<ul style="list-style-type: none"> - Complete the final version of every Project Plan - Complete Login, change password, select size, colour products and give a tip features - Complete the displays of each product 	<ul style="list-style-type: none"> - For the whole semester - Before 10.12.2022 - Before 01.01.2023
Nguyen Duc Minh	<ul style="list-style-type: none"> - Complete the final version of every Weekly Report - Draw the usecase - Complete the COD feature 	<ul style="list-style-type: none"> - For the whole semester - Before 25.11.2022 - Before 01.01.2023
Ngo Van Trung Nguyen	<ul style="list-style-type: none"> - Complete the final version of every Project Vision - Complete the Comment, Rate star features - Complete share link, search products features 	<ul style="list-style-type: none"> - For the whole semester - Before 25.12.2022 - Before 30.12.2022
Nguyen Minh Tuan	<ul style="list-style-type: none"> - Arrange time for every group meeting - Footer of the website - Web display when choosing products into cart 	<ul style="list-style-type: none"> - For the whole semester - Before 30.11.2022 - Before 15.12.2022
Phan Thanh Lap	<ul style="list-style-type: none"> - Provide latest notification of teachers - Create the shopping cart, general display of the web - Connect data with website 	<ul style="list-style-type: none"> - For the whole semester - Before 30.12.2022 - Before 05.01.2023

4.2.6 Project Resourcing

- Special training: have to learn knowledge not only at school but also self-study: according to their main field in this project, they have to study more about their responsibility.

Name	Content should be trained	Complete time
Vo Van Hoang	<ul style="list-style-type: none"> - How to use Slack, Jira, Github - How to use Figma - Study more about color combinations in website design - Study basic Front-end 	<ul style="list-style-type: none"> - Complete before 30.10.2022 - Complete before 10.12.2022 - Complete before 18.12.2022 - Complete before 25.12.2022
Nguyen Duc Minh	<ul style="list-style-type: none"> - How to use Slack, Jira, Github - How to draw Models, diagrams,... - How to connect and update data with website - Study basic Front-end 	<ul style="list-style-type: none"> - Complete before 30.10.2022 - Complete before 25.11.2022 - Complete before 15.12.2022 - Complete before 25.12.2022
Ngo Van Trung Nguyen	<ul style="list-style-type: none"> - How to use Slack, Jira, Github - How to use Figma - Study more about color combinations in website design - Study basic Front-end 	<ul style="list-style-type: none"> - Complete before 30.10.2022 - Complete before 10.12.2022 - Complete before 18.12.2022 - Complete before 25.12.2022

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Nguyen Minh Tuan	<ul style="list-style-type: none"> - How to use Slack, Jira, Github - How to use Figma - Study online Back-end course - Study more about Data structures 	<ul style="list-style-type: none"> - Complete before 30.10.2022 - Complete before 10.12.2022 - Complete before 20.12.2022 - Complete before 05.01.2023
Phan Thanh Lap	<ul style="list-style-type: none"> - How to use Slack, Jira, Github - Study online Back-end course - How to keep the security for the web - Collect and update new-tech for all memmbers 	<ul style="list-style-type: none"> - Complete before 30.10.2022 - Complete before 20.12.2022 - Complete before 25.12.2022 - For the whole semester

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.

4.3.2 Reporting and Measurement

Updated schedule estimates, and metrics summary reports, will be generated at the end of each iteration.

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
High	- The time for requirements is not enough	- Mitigation solution: split big work into small pieces, usually encourage members, check the work of each small team daily, weekly.
Moderate	- Each work only have 1 member does	- Avoid solution: share each work in small team, create team meetings regularly.
Moderate	- Inefficient meetings because of absent members	- Give strict regulations: delete team members who are absent from the meeting over 3 times without suitable reasons and find alternative member immediately.
High	- Communication of team	- Mitigation solution: if team members do not know each other before, offline meeting is encouraged to improve the team relationship.
High	- Lack of skill, knowledge	- Avoid solution: leader have the responsibility to follow and support low-skilled members such as: give more academic materials, team learning together,..

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4.3.4 Configuration Management

None