

SWE30010 Development Project 2: Design, Planning and Management

Project Proposal Stage

01 Pass Task 2.1P – Individual Task

This document describes the pass task 2.1P, for your DoubtFire submission purposes.

Suggested Time Frame: Weeks 1 – 2

Start:	Week 1 (after lecture)
Feedback:	Ask Tutor in Week 1 Tutorial class
Due:	Week 2, Tuesday, 9:00am

Table 1 Overview of 2.1P for Project Proposal

Purpose:	To practise how to develop a project proposal of a software based on its description – Scoping and Product Backlog
Tasks:	Scoping and Product Backlog <ol style="list-style-type: none">1. Develop a synopsis of a software project [Only for those who want to do their own projects]2. Develop the scope of a software project3. Develop the product backlog of a software project
Pre-requisite Task¹	Nil
Follow-up Task²	02 Pass Task 2.2P
Resources:	Lecture 1a SDLC Lecture 1b Scrum Lecture 1c Scoping Lecture 1d Product Backlog 01_R_PHP_SRePS_RFP.pdf 01_R_Product_Backlog_Template.docx
Feedback:	Ask your tutor for feedback

Portfolio Tasks [Project Proposal Stage] and Instructions

0. Read the document "01_R_PHP_SRePS_RFP.pdf" before performing the following tasks.

01 Pass Task 2.1P Scope and Product Backlog

You will be completing certain parts of the document in the "01_R_Product_Backlog_Template.docx".

[If you choose to develop the PHP-SRePS project]

1. Complete the background section in "01_R_Product_Backlog_Template.docx" in your own words, based on the information provided in "01_R_PHP_SRePS_RFP.pdf"
2. Develop a scope for the PHP-SRePS project or your own project
Write, in your own words, a short paragraph to summarize what the software is capable of doing.
3. Develop the Product Backlog and its initial release schedule
Assume you are the product owner. Your first task is to develop the Product Backlog. Complete the following Product Backlog table for the software application so that it has 10 – 15 backlog items that you think are most suitable for your client.
Note: These backlog items must be realistic because you will be developing these features in your Sprints #1 and #2.

¹You need to complete the pre-req (pre-requisite) task before doing this task.

²You need to complete this task in order to do the follow-up task because the follow-up task depends on your answer in this one. Strongly suggest you keep the same group if possible. Do the follow-up tasks before the next tutorial and then ask feedback in the tutorial.

Table 2 Product Backlog (An example)

No.	Item	Dependencies	Business Value (1 least – 10 most)	Release Schedule (Sprint #1 2 3 ...)
1	Add a sales record		6	Sprint #1
2	Edit a sales record	1		
3	Display a sales record	1		
4	Display monthly sales report	1	8	
5	Predict the sales of an item on a monthly basis	1	9	
6	Predict the sales of a group of similar items on a monthly basis	1	9	
7	Generate a monthly sales report as a CSV file	1	8	
8	<< add some more here >>			
9	...			
10	...			
...				

[If you choose to develop your own project]

1. Do the following
 - a. Think about a software project that you want to do
 - b. Write a synopsis of your project that is similar to the one in "01_R_PHP_SRePS_RFP.pdf"
 - c. Complete the background section in "01_R_Product_Backlog_Template.docx" based on your synopsis developed in task b above
2. Develop a scope for your own project
Write, in your own words, a short paragraph to summarize what the software is capable of doing.
3. Develop the Product Backlog and its initial release schedule
Assume you are the product owner. Your first task is to develop the Product Backlog. Complete a Product Backlog table (similar to the one in Table 2 above) for your software application so that it has 10 – 15 backlog items that you think are most suitable for your client.
Note: These backlog items must be realistic because you will be developing these features in your Sprints #1 and #2.

Submission Details and Assessment Criteria

You must create your own document (pdf) in **portrait** mode³, which you will upload to Doubtfire, with the following details:

- Your name and student id
- Your tutorial class (e.g. Thu 12:30 ONL068 or Thu 12:30 ONL069)
- Your tutor's name
- Your own responses to the tasks above according to the corresponding instructions. Remember to convert the "01_R_Product_Backlog_Template.docx" to a pdf file in portrait mode.

What to submit

Submit your own version of the completed "01_R_Product_Backlog_Template.docx" converted to a pdf file as mentioned above

³Landscape mode pdf does not work properly in Doubtfire.