

SWE30010 Development Project 2: Design, Planning and Management

Sprint #1 Stage

Overview

Project Environment / Context

Your project proposal of "PHP-SRePS / the selected project" has been accepted and agreed by "People Health Pharmacy / Your Client". The entire development team is using the Scrum agile development process with a two-week sprint. Your team consists of 4 – 6 members. You can choose your own development languages (e.g. Visual Basic, C# or Java). You cannot use or customize any existing project (open or closed) because this is a "development" project not a "customization project".

This is Sprint #1.

For simplicity, the working time is 8 hours per week per person in your team. In fact, for sustainable development, it is suggested that each individual should spend one – two hours per working day for the entire 2-week sprint. So, a team of 6 people should have a total of 96 hours of work in your 2-week sprint whereas a team of 4 has 64 hours.

How your Sprint works: We are doing 2-week sprints. Start Sprint #1 on Monday in Week 6 (Day 1 of Sprint #1). Day 10 of your Sprint #1 will be Friday Week 7.

Suggested time frame of a 2-week sprint for DP2 purposes

Week	Your selected day	Tutorial day
6	Day 1	Feedback from Tutor
7	Day 6	Feedback from Tutor
8		Sprint review and Sprint retrospective

Sprint #1 Group: For the group tasks in Sprint #1, you need to register your team in Doubtfire under the "Sprint #1 Group Tasks" and submit it as a group. Please do not call yourself "Sprint #1 Group" as there will be potential conflicts in group names.

12 Pass Task 8.2P – Group Task

This document describes the pass task 8.2P, for your DoubtFire submission purposes.

Suggested Time Frame: Weeks 6 – 8

Start: Week 6
Feedback: Ask your tutor in Tutorials in Weeks 6 – 8
Due: Week 9, Tuesday, 9:00am

Table 1 Overview of 8.2P for Sprint #1

Purpose:	Perform Sprint #1 and management practices for Scrum
Tasks:	Perform Sprint Review Meeting <ol style="list-style-type: none">1. Book a time for sprint review with the stakeholder (your tutor)2. Perform sprint review meeting with the stakeholder (your tutor)3. Document the meeting minutes
Pre-req Task₁	11 Pass Task 8.1P
Follow-up Task₂	13 Pass Task 8.3P
Time:	1 hour
Resources:	https://en.wikipedia.org/wiki/Scrum_(software_development)
Feedback:	Ask your tutor for feedback

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

²You (as a group) 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.

12 Pass Task 8.2P Perform Sprint (Product) Review [Group Task]

1. Send an email to your tutor to book a time in your Week 8 tutorial to perform the sprint review. The time will be approximately 10 – 15 minutes.
2. Perform the sprint review with the stakeholder (your tutor) in Week 8 Tutorial

Your team must at least review the following:

- a. the items that were completed

Need a demo of the completed items to the stakeholder

- b. the planned items that were not completed (Why?)

Questions to consider:

- Q.1 Did your team under-estimate the level of complexity of the item in sprint planning meeting? How can your team get a better estimate on the level of complexity of an item in next sprint?
- Q.2 Did your team under-estimate the time required to complete the task? How can your team get a better estimate on the time required to complete a task in next sprint?
- Q.3 Is the task description of the item too vague for the work? How can your team achieve a better task description next time?
- Q.4 Poor design of the program? How would your team improve on the design of the program in next sprint?

Other questions? (Please specify)

Note: Remember to book a time (e.g. 10 – 15 minutes) with your tutor for the demo **early**.

3. Document the sprint review meeting minutes, including any comments/suggestions from the stakeholder for improvements

Submission Details and Assessment Criteria

Each team needs to create a new group on Doubtfire called it Your Sprint #1 Group. Each team needs to create a document (pdf) in **portrait** mode³. You need to organize yourselves so that a person in your team will be responsible for uploading the document to Doubtfire, with the following details:

- Your names and student IDs
- Your tutorial class (e.g Thu 12:30 ONL068 or Thu 12:30 ONL069)
- Your tutor's name
- Details (name and student ID) of your team members
- Your group responses to the tasks according to the corresponding instructions

Remember, whoever submits the document the latest will overwrite the previous submissions. Since Doubtfire does not keep the previously submitted documents, the previous submissions will be gone forever.

What to Submit

Submit the sprint review meeting minutes as a pdf file

³Landscape mode pdf does not work properly in Doubtfire.