

## 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.

### 13 Pass Task 8.3P – Group Task

This document describes the pass task 8.3P, 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 8.3P for Sprint #1

<b>Purpose:</b>	Perform Sprint #1 and management practices for Scrum
<b>Tasks:</b>	<b>Perform Sprint Retrospective Meeting</b> 1. Perform sprint retrospective meeting 2. Document the meeting minutes
<b>Pre-req Task<sub>1</sub></b>	11 Pass Task 8.1P
<b>Follow-up Task<sub>2</sub></b>	14 Pass Task 8.4P
<b>Time:</b>	1 hour
<b>Resources:</b>	<a href="https://en.wikipedia.org/wiki/Scrum_(software_development)">https://en.wikipedia.org/wiki/Scrum_(software_development)</a>
<b>Feedback:</b>	Ask your tutor for feedback

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

<sup>2</sup>You (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.

**13 Pass Task 8.3P Perform Sprint Retrospective (Process Review) Meeting [Group Task]**

1. Perform sprint retrospective meeting in Week 8

Your team must at least review the following:

- a. Your team's velocity – ideal (from your ideal burn-down chart) vs actual (from your final burn-down chart)

Questions to consider:

Q.1 Did your team over-estimate your ability? Or Did you under-estimate the effort required to complete the tasks?

Q.2 What can you do in order to get a better understanding of the "complexity" of the tasks required? Or What can you do in order to get better time estimations next time?

Other questions? (Please specify)

- b. Your team's process

Question(s) to consider: What is working? What is not? Why or Why not?

2. Document the sprint retrospective meeting minutes, including any comments/suggestions from the team 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** mode<sup>3</sup>. 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 retrospective meeting minutes as a pdf file

<sup>3</sup>Landscape mode pdf does not work properly in Doubtfire.