SWE30010 Development Project 2: Design, Planning and Management
Sprint #2 Stage

Overview
You have done your first sprint (Sprint #1). Now, it is time for your second sprint. In this sprint, you use your previous data to help your sprint planning process, that is how the agile process is supposed to be and how the professionals do it. I also want you to experience these changes.

Sprint #2 – Some Differences from Sprint #1

This is Sprint #2.

Your team has just finished the first sprint. Your team is now required to perform another sprint to continue the development of the product, basically by identifying and developing items from your Product Backlog list (may be new or any unfinished items in your previous sprint – these unfinished items should now be put back in your Product Backlog).

Total work hours for the team in Sprint #2: Now that you have your team's actual velocity of your Sprint #1. You need to use this velocity in your current sprint planning meeting (16 Pass Task 9.1). You have a strict guideline to do this, please see the details in the task description below.

How your Sprint works: We are doing 2-week sprints.
                                Start Sprint #2 on Monday in Week 9 (Day 1 of Sprint #2).
                                Day 10 of your Sprint #2 will be Friday the following week.

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

Week	Your selected day	Tutorial day
9	Day 1	Feedback from Tutor
10	Day 6	Feedback from Tutor
11		Sprint review and Sprint retrospective

Sprint #2 Group: For the group tasks in Sprint #2, you need to register your team in Doubtfire under the "Sprint #2 Group Tasks" and submit it as a group. Please do not call yourself "Sprint #2 Group" as there will be potential conflicts in group names.

19 Pass Task 11.1P – Group Task

This document describes the pass task 11.1P, for your DoubtFire submission purposes.

Suggested Time Frame: Week 9 – 11
     Start: Week 9
     Feedback: Ask Tutor in Tutorials in Weeks 9 – 11
     Due: Week 12, Tuesday, 9:00am

Table 1 Overview of 11.1P for Sprint #2

Purpose:	Perform Sprint #2 and management practices for Scrum
Tasks:	**Perform Sprint #2 and End of Sprint Reporting** 1. Sign up tasks 2. Perform the tasks 3. Sync files to your repository 4. Record time for completion 5. Update the burn-down chart with an estimate of "remaining effort in hours" 6. Add new product backlog items, if any 7. Perform daily stand-up meetings

Pre-req Task₁	18 Pass Task 10.1P
Follow-up Task₂	20 Pass Task 11.2P
Time:	1 hour
Resources:	[These tools are suggestions only. You can choose your own. It does not matter which one you choose, you still need to figure out how to set it up yourselves.] **Repository**: GitHub – www.github.com **Task Board**: Trello – www.trello.com **Burn-down chart**: Burndown for Trello – www.burndownfortrello.com **Communication Tool**: Slack / Skype / Texting via SMS / WhatsApp [Remember to capture the screen images]
Feedback:	Ask your tutor for feedback

19 Pass Task 11.1P Perform Sprint #2, Week 2 of a 2-week sprint, and End of Sprint Reporting [Group Task]

As sustainable development suggests, each team member should spend one - two hours per working day for the tasks on the sprint (a total of 8 hours per week). These may involve the following:

1. Sign up tasks (one at a time) that you want to do (remember to put your name on the task sheet on your Task board)

2. Perform the tasks accordingly (remember to move the task to the "Doing" column)

3. Sync your files to the repository at the end of each day's work

4. Record the time to finish a task once you finish a task (meaning that you think that it is finished, remember to move the task from "Doing" to "Testing" – at this stage) so as to update the burn-down chart

   Note: It needs some other team member to check it off before moving the corresponding task to the "Completed" column. There should be a separate "task" in the "To do" column. In case, you do not find it – just add this "testing" task as a new task to the "To do" column first, then some other team member will commit to do this "testing" task.

   Note: Adding new tasks to the Task Board during the sprint is allowed. By doing so, we can refine our sprint planning skills for next sprint.

5. Update the burn-down chart so as to track the sprint progress

6. Add new Product Backlog Items (not sprint backlog items), if any

7. Perform daily stand-up meeting

   Note: Your team needs to agree on a time each day to perform a 5 minute daily stand-up meeting. For DP2 purposes, Skype meeting will be fine. Document the meeting minutes for your submissions.

₁You 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.

Points to note for reporting Sprint progress on a weekly basis:

a. Select one team member to capture the team's updated Task Board (an image will be fine) at COB of each working day as evidences of your team's progress. **So, I expect 5 such images, one for each day.**

b. Select one team member to capture the team's updated burn-down chart (an image will be fine) at COB of each working day as evidences of your team's progress. **Again, I expect 5 burndown charts, one per day.**

c. Select one team member to record the daily stand-up meeting. **Again, I expect 5 meeting minutes, one per day.**

d. Select one team member to record the status of your repository (e.g. check-in vs check-out status, an image showing the activity will be fine). **Again, I expect 5 such status reports, one per day**.

Note: These tasks can be performed by just one team member or different team members. The time spent on capturing the required images or taking minutes of daily stand-up is not counted towards your sprint.

Submission Details and Assessment Criteria

Each team needs to create a new group on Doubtfire called it Your Sprint #2 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

Document the following items and submit them to DoubtFire for Pass Task 11.1P
1. your task boards (e.g. Trello Board) for Days 6 – 10
2. your burn-down charts for Days 6 – 10
3. your project repository's status (e.g. GitHub) for Days 6 – 10
4. your group's minutes of your daily stand-up meetings for Days 6 – 10

Note: I want 5 individual images of these items. If you have links to the individual images, that is fine. However, I do not want links to the current status on your task board and project repository because these links can only show the latest update. Hence, when I open the link, it will then show your current status rather than the previous progress from Day 6 to Day 10 on your task board and your project repository. That defeats my purposes.

3Landscape mode pdf does not work properly in Doubtfire.