**Sprint Plan Template - CMPS 115 – Software Methodology**

At the end of your team's sprint planning meeting, the team needs to turn in a sprint plan. This document needs to be typewritten (or the team needs to use a web-based agile planning tool and provide the TA/tutor access to the tool to view the project) and have the following elements:

∙ **Heading:** Document name ("Sprint {number} Plan"), product name, team name, sprint completion date, revision number & revision date.

Hungry Slugs

Sprint 4 Completion Date: 6/4/24

Revision Number: 1.0

Revision Date: 5/22/24

∙ **Goal:** Short, 1-2 sentence description of the high-level goal(s) for the sprint. ∙ **Task listing, organized by user story:** This section lists the user stories, in priority order from most important (top) to least important (bottom). Within each user story, there needs to be a list of tasks required to implement the user story, along with the time estimate for each tasks (preferably less than or equal to 6 ideal hours). This should look like:

Old user stories:

US1: As a student, I want to see other people’s ratings of the food so that I know if the specific food is good. [8]

1. Add a UI to rate the dining hall foods and connect this to the backend. (6 hrs)
   1. Have a drop down menu to allow the user to click on the rating they want to give (perhaps like myAnimeList).
   2. Create a food object on the db from a post request or fetch the food from the db if it already exists. Only fetch the ratings portion of the food.
   3. Show their rating on the meal after they have given the rating in the menu ui
      1. Add the allergies for the food if they are new or the food doesn’t exist
   4. Create/connect buttons to functions created on the backend for meals
2. Add ratings to profile page (1 hrs)

US2: As a user, I want to be able to post pictures of food I get at the dining hall and share it, so that I can show the quality of the food being served. [8]

1. Display/upload images in the image tab. (8 hrs)
   1. In the images tab have a photo album (1 hours)
   2. Button to upload photo to album (1 hour)
   3. Function to load photo to backend (1 hour)
      1. Store the photo in mongodb (30 mins)
   4. Function to load photo from backend (30 mins)
   5. Hash each image to a tag in the food objects. (1 Hour)
   6. grid FS (2 Hours)
   7. Store file names in food object (1 hour)

US3: As a user, I want to be able to post comments on the food I get at the dining hall, so I can communicate with other users about the dining hall. [8]

1. Add backend to edit the comments (adding reply backend not as crucial as editing and deleting) (2 hrs)
2. Combine frontend with the backend code (6 hrs)

US4: As a student, I want to get notified when a dining hall is serving a specific dish, so that I can know when and where my favorite food is being served. [5]

1. Notify user when their favorite food is available ( 5 hrs)
2. Process backend data of the user’s favorite meals
3. Create a popup on each page to display which dining halls are serving the favorite foods
4. Add button to enable notifications

Finishing Up Project :

1. Created unit tests for backend (1 hrs)
2. Try to make frontend tests (1hrs)
3. Write Documentation (3 hrs)
   1. What does the app do? Explain reasoning and purpose.
   2. Make sure how to setup project is clear for running the code
      1. Explain that you need the private folder to run the code
         1. List the variables used and the purpose of each
   3. Instructions on how to test the code
   4. List bugs and explain what the problems are
   5. Give documentation for the structure of the code
   6. Make a style guide for the project
   7. In nice way add all the documents from the google drive

∙ **Team roles:** Give a listing of all team members. Next to the team member, list their role(s) for this sprint. Assign each person to at least one role (for example, this role might be "Developer"). This looks like:

*Team member 1: role 1 {, role 2, role 3}*

*Team member 2: role 1 {, role 2, role 3}*

*...*

*Team member N: role 1 {, role 2, role 3}*

* Ian Holloway: Product Owner / Developer
* Akshat Tiwari: Developer
* Anya Zhang: Developer
* Akhil Senthil: Developer
* Noah Kim: Developer / Scrum Master

∙ **Initial task assignment:** A listing of each team member, with their first user story and task assignment. This should look like:

*Team member 1: user story, initial task*

*Team member 2: user story, initial task*

*...*

*Team member N: user story, initial task*

* Ian Holloway: Finishing Up Project Tasks
* Akshat Tiwari: US2
* Anya Zhang: US3-2
* Akhil Senthil: US1-2, US4
* Noah Kim: US1-1

∙ **Initial burnup chart:** A graph giving the initial burnup chart for this sprint and is labeled as such with sprint number and project name and is located in the lab.

∙ **Initial scrum board:** Also known as a task board, the scrum board is a physical board and labeled as such with sprint number and project name and located in the lab. This board has four columns, titled user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it notes representing the user stories and the tasks for this sprint should be placed in the user stories, tasks not started, and tasks in progress columns. Tasks associated with a user story should be placed in the same row as the user story.

∙ **Scrum times:** List at least the three days and times during the week when your team will meet and conduct Scrum meetings. Also, indicate which of these meetings will have the TA/tutor visit as arranged with the TA/tutor. It is expected the TA/tutor will visit during the Scrum meeting during your lab time.

1. Mondays 11:00am - 12:00pm, with TA
2. Wednesdays 10:00am - 10:15am, with team
3. Fridays 10:00am - 10:15, with team