Sprint 1 Plan - 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:** Sprint 1 Plan, Product Name: Dining Slugs.

- **Goal:** Create a database for the menus of each dining hall and begin to develop the UI that will display the menus for each location.
- **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:

  User story 1: "As a user, I want to know what is on the menu so that I know what the dining hall is serving without having to go there."
  Task 1: Learn about basic database technologies (MySQL) (Time: 2 Hours)
  Task 2: Learn about web-scraping techniques (Time: 2 Hours)
  Task 3: Find a server to host the local database on. (Time: 1 Hour)
  Task 4: Build a scraper to get information about menu from dining hall site. (Time: 1 Hours)
  Task 5: Create a local database. (Time: 3 Hours)
  Task 6: Create a script that updates the database daily. (Time: 3 Hours)
  Total for user story 1: 12 hours

  User story 2: "As a user, I want to easily see each menu without having to read from a database."
  Task 1: Implement permanent memory allocation for data. (3 Hours)
  Task 2 : Learn the UI framework for the website (React-native) (3 hours)
  Task 3: Create a basic U.I dependent on stored selections (4 hours)
  Total for user story 2: 10 hours

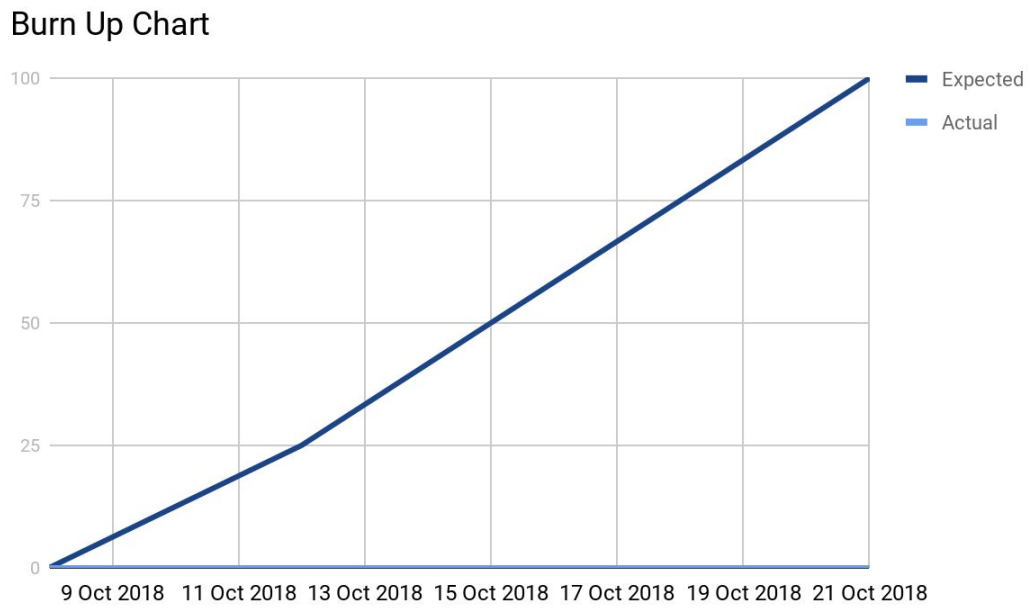
- **Team roles:** Give a listing of all team members. Next to the team member, list their role(s) for this sprint. Assign each person to at least one role (for example, this role might be "Developer"). This looks like:

  Sahil Markanday: Product owner, Developer
  Ryan Devoys: Scrum Master, Developer
  Jonathan Loyola: Developer
  Nelson Perez: Developer
  Alex Widmann: Developer
  Chandler Borrero : Developer

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

  Sahil Markanday: User Story 1, Task 5, Task 6
  Ryan Devoys: User Story 1, Task 5, Task 6; User Story 2, Task 3
  Jonathan Loyola: user story 2, initial task 2/3
  Nelson Perez: User Story 2, Task 2, Task 3
  Alex Widmann: User Story 1, Task 2, Task 4
  Chandler Borrero: User Story 1, Task 1, Task 3; User Story 2, Task 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.



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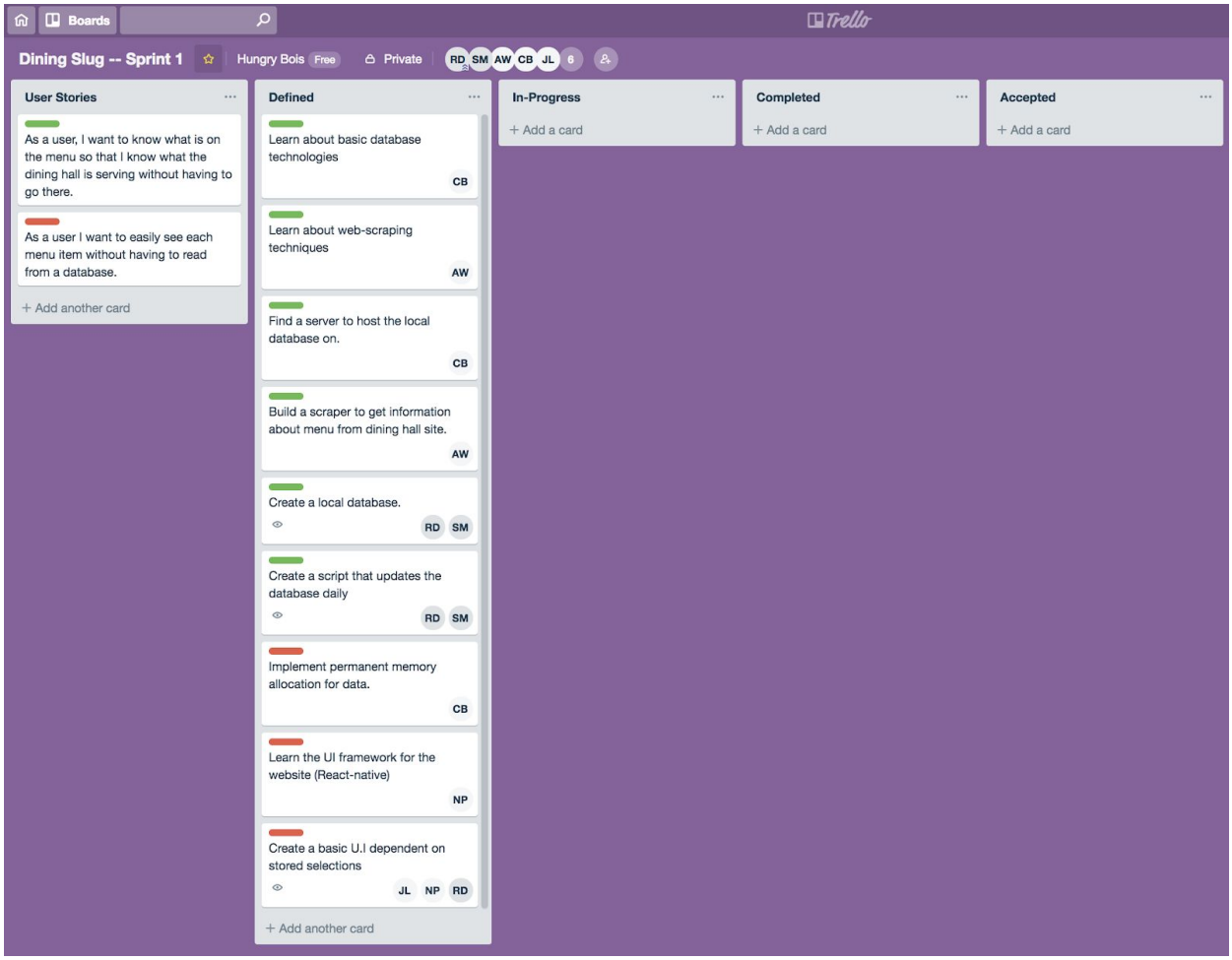
- **Initial scrum board:** Also known as a task board, the scrum board is a physical board and labeled as such with sprint number and project name and located in the lab. This board has four columns, titled user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it 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:**

  --- Monday, 7:30-7:45PM

  --- Tuesday, 3:30-4:00PM (TA/Tutor Session)

  --- Thursday, 3:30-4:00PM