# Sprint 3 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 3 Plan, Product Name: Dining Slug.

- **Goal:** Implement a database that extracts information and inputs it to our U.I. In addition create a search algorithm for the user to look up whatever they would like in accordance to our navigational tool.

- **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 would like to be able to use the search bar so that I can quickly find out what the dining halls are serving."*
  *Task 1: Create a food.json file that is filled with all the food. (1 Hour)*
  *Task 2: Finalize the search bar (5 hours)*
  *Task 3: Add the search bar to the UI (2 Hours)*
  *Task 4: Fix Merge conflicts in the search bar with the Final Build (2 Hour)*
  *Total for user story 1: 10 hours*

  *User story 2: "As a user I would like to have see the ratings for the food items so that I can decide what I should or should not eat."*
  *Task 1: Familiarize with MySQL (2 Hours)*
  *Task 2: Work on establishing connection (3 Hours)*
  *Task 3: Work on formatting page with ratings (5 Hours)*
  *Total for user story 2: 10 Hours*

  *User story 3: "As a user I would like to see how busy a dining hall is so that I can avoid waiting in long lines."*
  *Task 1: Learn python (2 hour)*
  *Task 2: Build a webscraper to get google information for how busy a dining hall is. (6 Hours)*
  *Task 3: Learn React (2 Hours)*
  *Task 4: Integrate the data into the React App. (2 Hours)*
  *Task 5: Build a system process that runs the webscraper for the popularity every month. (1 Hour)*
  *Total for user story 3: 13 Hours*

*User story 4: "As a user I would like to see an attractive home
page so that I can easily navigate through the website."*
*Task 1: Familiarize with CSS and HTML (1 hour)*
*Task 2: Design the homepage with working links. (8 Hours)*
*Total for user story 4: 9 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: Developer*
  *Jonathan Loyola:  Developer*
  *Nelson Perez: Developer*
  *Alex Widmann: Scrum-master Developer*
  *Chandler Borrero : Scrum-master 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 3: Task 1, Task 2*
  *Ryan Devoys: User Story 3: Task 3*
  *Jonathan Loyola: User Story 1: Task 1, Task 2, Task 3, Task 4*
  *Nelson Perez: User Story 2: Task 1, Task 3; User Story 3: Task 5*
  *Alex Widmann: User Story 3: Task 3, Task 4; User Story 4: Task 1,
  Task 2*
  *Chandler Borrero: User Story 2: Task 1, Task 2*

- **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.



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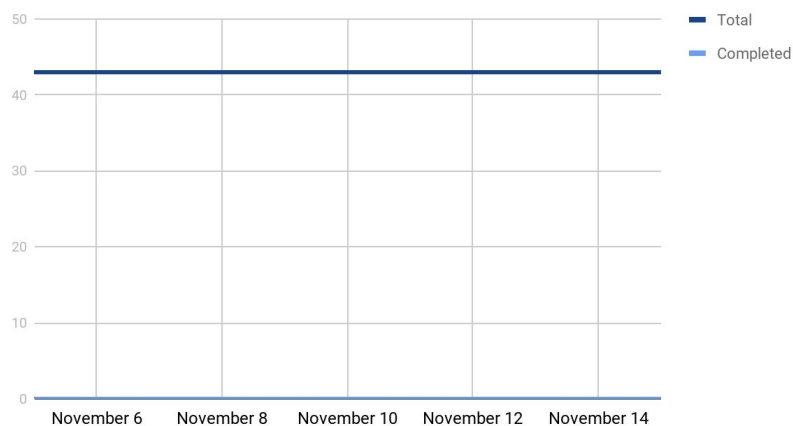
- **Initial scrum board:** Also known as a task board, the scrum board is a physical board and labeled as such with sprint number and project name and located in the lab. This board has four columns, titled user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it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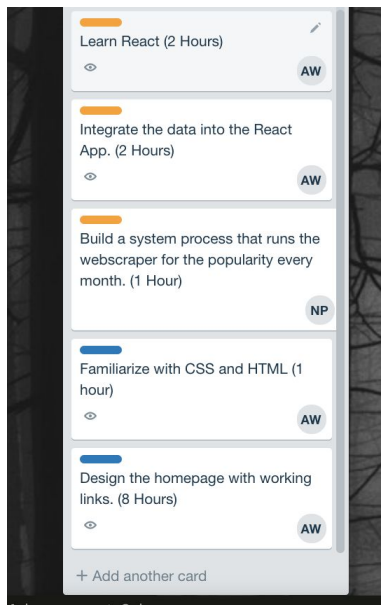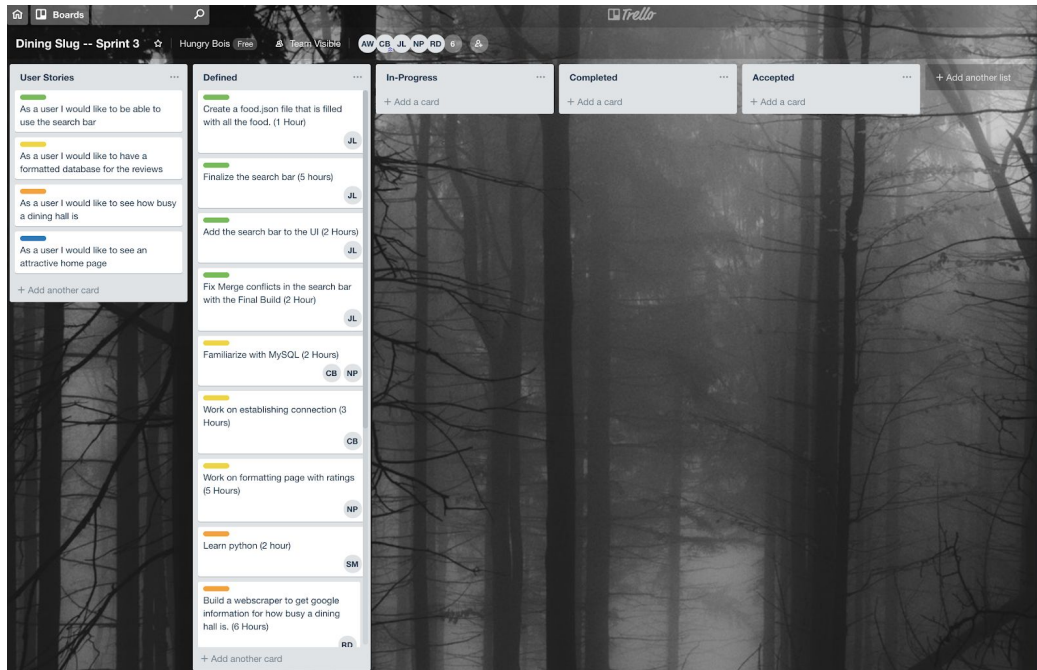
- **Scrum times:**

  --- Monday, 8:00-8:15PM

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

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