

# Sprint 1 Plan

SlugPlan, 2/3/16

## User Stories

- As a developer, I want access to UCSC courses
  - Create program to parse UCSC course catalog PDF file (3-6 hours)
  - Modify program to input parsed data into database (1-2 hours)
- As a developer, I want a working base framework for UI/UX
  - Create new handler project
  - Create julius files for homepage
  - Create widget to import css
  - Add appropriate color scheme for desired aesthetics
  - Add appropriate links as necessary
  - Add copy text to homepage
- As a user, I want to be able to look up classes that satisfy a major's requirements
  - Associate major requirements with courses in database
  - Write function to check which major requirements have been fulfilled
- As a user, I want to know if I've see the prerequisites for all my planned courses
  - Create database query to gather relevant data (1-2 hours)
  - Display data to user through GUI elements (6-10 hours)

## Determine Tasks:

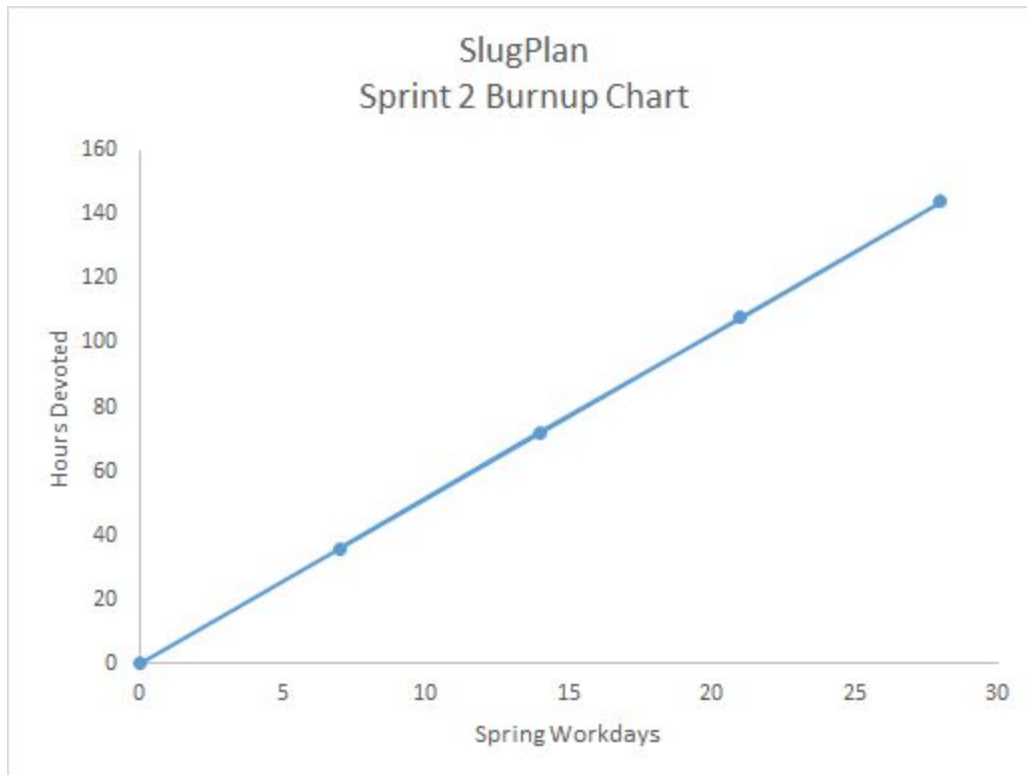
General tasks needed to be done to accomplish user stories(needed for all user stories):

- Obtain all relevant UCSC course data (prerequisites e.g.)
- Create a database to save user data and present to user his/her saved data
- Research how CSS, julius files, work and interact with the yesod framework

## Sanity Check:

We are hoping no one needs to work about 20-30 hours per week, meaning everyone will need to be working about 7-7.5 hours a day. Hopefully, this is a good estimate, but since this is the first sprint we will see how everything goes. If things don't go the way we want them to, we may need to increase the time needed per day in the end of the sprint but we will see.

## Initial Burnup Chart:



**Role Assignment:**

Chase: Developer, Scraping/Database related tasks

Donald: Developer, GUI related tasks

Michael: Developer, GUI/Database related tasks

Kristy: Developer, GUI/Database related tasks

Morrison: Developer, GUI/Database related tasks