

Sprint 2 Plan  
SKED  
Team Nimbus  
Version 0.2  
Release Date: October 25, 2016  
Revision 1  
Revision date: 10/20/16

**Goal:** The goal for this sprint is to focus on adding functionality for the member side of the application, as well as integrating a calendar JavaScript library and generally working on the UI.

***User Story Task List:***

- As a manager, I want to be able to assign members to shifts so that I can have people working when they need to be.
  - Allow shifts to be created unassigned. (0.5hr)
  - add options to assign/move members between shifts (edit shift) (2hr)
- As a member, I want to be able to view my work schedules (i.e. assigned shifts) so that I can see when I and others are working
  - For own organization profile, display shifts, positions, etc. (2hr)
  - as member, for others' organization profiles, display their shifts/position. (2hr)
  - as manager, for others' organization profiles, display editable fields AND shifts/positions. (2 hr)
- As a manager, I want SKEDD to be able to take members' time preferences into account so that my members are able to keep their obligations outside of work.
  - Give members a way to input preferred schedule (shifts) with a form or other input (4 hr)
  - Let the manager view that preferred schedule on the member's page (3 hr)
  - Let the member change their preferred schedule with a form (2 hr)
- As a developer, I want to implement Unit Tests, so that I can test functionality
  - finish unit tests for sprint one code (10hr)
  - write unit tests for sprint two code as it is written (30hr)
- As a developer, I want to refactor code from views into util modules to make testing easier
  - create functions in utility modules (10 hr)
  - add calls to those functions in views (5 hr)
  - add association proxies to make accessing data easier (3 hrs)
- As a developer, I want to configure automatic testing with Travis and deployment to Heroku to automate the testing and deployment process.
  - Set up a travis account(2 hr)
  - Set up a heroku account (1 hr)
  - set up postgresQL database on heroku (2 hr)
  - add integration hooks from github to travis and from travis to heroku (4 hr)

- test deployment (10 hr)
- As a user, I want to view shifts through a calendar so I can easily visualize schedules
  - Create functions to serve shifts/positions data to the JavaScript calendar library (10 hr) I
  - integrate JS library with html templates (12 hr) I
  - prevent members from moving shifts around on the calendar (1 hr) N
- As a manager, I want to be able to manage shifts and members for that position on the positions page so that
  - Show shifts on positions page
  - manage shifts/schedules from positions page
  - show list of members for that position
  - manage members of position/add member to position

***Team Roles:***

- Christian Kempis - Product Owner
- Cameron Johnson - developer
- Robert Lyons - his name rhymes with boob
- Robert Pence - developer
- Philip Guther - Scrum Master

***Initial Task Assignment:***

- Christian Kempis - Write unit tests
- Cameron Johnson - Write unit tests
- Robert Lyons - Write unit tests
- Robert Pence - Write unit tests
- Philip Guther - Write unit tests