

Release Plan
SKED
Team Nimbus
Version 0.1
Release Date: 12/2/16
Revision 0
Revision date: 10/6/16

High Level Goals: A work scheduling web service/application that automatically creates work schedules and allows part time businesses to cover shifts easily and manage work hours. We need a page so that the users can log in. We need a back end that can store user information including things like employee hours, preferred hours, when employees are working. Two separate accounts for managers and users. We need to have positions and shifts made by managers available to users to pick. We also need a user interface that is responsive and adaptive to mobile/desktops.

Users Stories for Sprint 1:

These are in order from highest priority to lowest.

As a User, I want to be able to create an account so I can use SKED
As a manager, I want to be able to easily set up my organization so that I can start creating schedules.
As a manager, I want to be able to add positions to my organization so that I can represent all the jobs in my organization.
As a manager, I want to be able to add my employees to SKED by sending email invitations so that adding employees to my organization is streamlined.
As a manager, I want to be able to choose a new employee's position when inviting them to the organization.
As a manager, I want to be able to add shifts to my positions so that I can schedule my employees to work when I need them to.
As a manager, I want to be able to assign employees to shifts so that I can have people working when they need to be.

User Stories for Sprint 2:

As a manager, I want to be able to assign employees to shifts so that I can have people working when they need to be.

As an employee, I want to be able to view my work schedule so that I can see when I need to be at work.

As an employee, I want to be able to view the work schedule of others so that I can see who I will be working with.

As a manager, I want SKED to be able to take employees' time preferences into account so that my employees are able to keep their obligations outside of work.

As an employee, I want to be able to update my preferred hours so that my manager and SKED can adjust to changes in my schedule outside of work.

As an employee, I want to be able to enter my preferred hours so that I can balance my work schedule with the rest of my life.

User Stories for Sprint 3:

As a manager, I want SKED to be able to generate a schedule for me so that I have more time for other tasks.

As an employee, I want to be able to request that one of my shifts gets covered so that I can take care of any sudden obligations without leaving my organization short-staffed.

As an employee, I want to be able to cover another worker's shift so that I can get some extra hours.

As an employee, I want to receive notifications when my shift gets covered so that I know whether I need to come to work or not.

Product Backlog:

Priority	User Story	Story Points
1	As a User, I want to be able to create an account so I can use SKED	2
2	As a manager, I want to be able to easily set up my organization so that I can start creating schedules.	2
3	As a manager, I want to be able to add positions to my organization so that I can represent all the jobs in my organization.	3
4	As a manager, I want to be able to add my employees to SKED by sending email invitations so that adding employees to my organization is streamlined.	3
5	As a manager, I want to be able to choose a new employee's position when inviting them to the organization.	1
6	As a manager, I want to be able to add shifts to my positions so that I can schedule my employees to work when I need them to.	5
7	As a manager, I want to be able to assign employees to shifts so that I can have people working when they need to be.	8
8	As an employee, I want to be able to view my work schedule so that I can see when I need to be at work.	5
9	As an employee, I want to be able to view the work schedule of others so that I can see who I will be working with.	13
10	As a manager, I want SKED to be able to take employees' time preferences into account so that my employees are able to keep their obligations outside of work.	13
11	As a Manager, I want a series of pages which will allow me to visualize and manage my organizations, employees, positions, and shifts	3
12	As an employee, I want to be able to update my preferred hours so that my manager and SKED can adjust to changes in my schedule outside of work.	8
13	As an employee, I want to be able to enter my preferred hours so that I can balance my work schedule with the rest of my life.	5
14	As a manager, I want SKED to be able to generate a schedule for me so that I have more time for other tasks.	13
15	As an employee, I want to be able to request that one of my shifts gets covered so that I can take care of any sudden obligations without leaving my organization short-staffed.	8

16	As an employee, I want to be able to cover another worker's shift so that I can get some extra hours.	8
17	As an employee, I want to receive notifications when my shift gets covered so that I know whether I need to come to work or not.	8

Sprint 1 Plan
SKED
Team Nimbus
Version 0.1
Release Date: October 25 2016
Revision 0
Revision date: 10/4/16

Goal: The goal for this sprint is to implement the ability to create user accounts and create and set up organizations. An organization needs to be set up by creating positions, creating shifts and relating them to positions, and adding employees to the organization.

User Story Task List:

- As a User, I want to be able to create an account so I can use SKED
 - Create user database model (0.5 hr)
 - Create the front end webpage for adding a user (forms) (0.5 hr)
 - Create view(s) to serve form(s) (0.5 hr)
- As a manager, I want to be able to easily set up my organization so that I can start creating schedules.
 - Create organization database model (0.5 hr)
 - Create webpage for editing organization (forms) (1 hr)
 - Create view(s) to serve form(s) (1 hr)
 - Create URL endpoints for HTML requests (0.5 hr)
- As a manager, I want to be able to add positions to my organization so that I can represent all the jobs in my organization.
 - Create position database model (0.5 hr)
 - Create webpage for adding position (forms) (1 hr)
 - Create view(s) to serve form(s) (1 hr)
 - Create URL endpoints for HTML requests (0.5)
- As a manager, I want to be able to add my employees to SKED by sending email invitations so that adding employees to my organization is streamlined.
 - Create employee database model (0.5 hr)
 - Create webpage for adding employee (forms) (1 hr)
 - Create view(s) to serve form(s) (1 hr)
 - Create URL endpoints for HTML requests (0.5 hr)
 - Create dummy employee to be replaced with real employee upon activation (0.5 hr)
 - Generate and send email to employee with unique activation URL (1 hr)
 - Replace dummy user with real user (0.5 hr)
- As a manager, I want to be able to add shifts to my positions so that I can schedule my employees to work when I need them to.
 - Create shift database model (0.5 hr)
 - Create webpage for adding shift (forms) (1 hr)
 - Create view(s) to serve form(s) (1 hr)
 - Create URL endpoints for HTML requests (0.5 hr)

- As a Manager, I want a series of pages which will allow me to visualize and manage my organizations, employees, positions, and shifts
 - Create webpages for organization, employee, position, and shift info (forms). Use modals. (3 hr)
 - Create view(s) to serve form(s) (2 hr)
 - Create URL endpoints for HTML requests (1 hr)
- As a user, I want a combined landing and login page
 - change url of login page from /login to / (.25 hr)
 - edit page html to add landing page info (1 hr)
 - move login forms to navigation bar (1 hr)
- As a manager, I want to be able to view a profile of an employee so I can easily manage their shifts, position, etc.
 - Create webpages for employee profile (forms) (1 hr)
 - Create view(s) to serve form(s) (1 hr)
 - Create URL endpoints for HTML requests (0.5 hr)

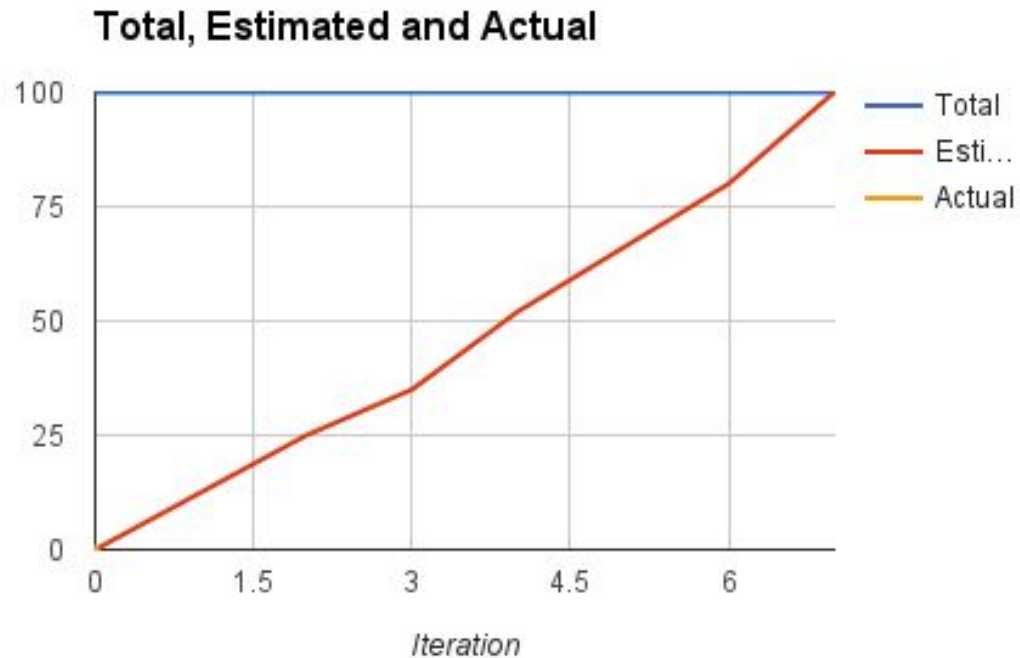
Team Roles:

- Christian Kempis - Product Owner
- Cameron Johnson - Scrum Master
- Robert Lyons - basic developer
- Robert Pence - basic developer
- Philip Guthrie - basic developer

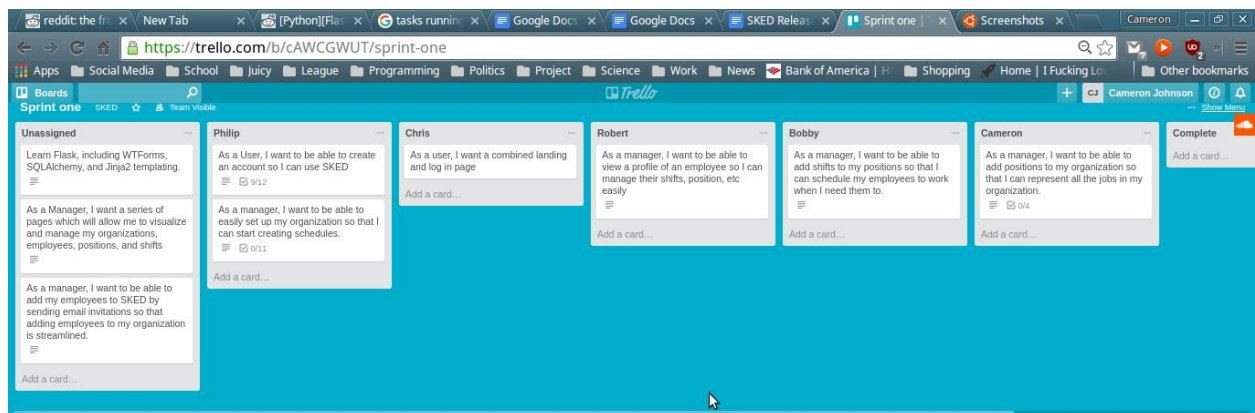
Initial Task Assignment:

- Christian Kempis - Combine landing page and login
- Cameron Johnson - Add positions to my organizations
- Robert Lyons - Create shift model & webpage for assigning shifts
- Robert Pence - employee profile page for managers
- Philip Guthrie - User registration and log in, setting up an organization

Initial Burn-up Chart:



Initial Scrum Board:



USER STORIES	TASKS NOT STARTED	TASKS IN PROGRESS	COMPLETED TASKS
As a User, I want to be able to create an account so I can use SKED		Create the front end webpage for adding a user (forms)	Create user database model edit Create view(s) to serve form(s)

As a manager, I want to be able to easily set up my organization so that I can start creating schedules.	<p>Create organization database model</p> <p>Create webpage for editing organization (forms)</p> <p>Create view(s) to serve form(s)</p> <p>Create URL endpoints for HTML requests</p>		
As a manager, I want to be able to add positions to my organization so that I can represent all the jobs in my organization.	<p>Create position database model</p> <p>Create webpage for adding position (forms)</p> <p>Create view(s) to serve form(s)</p> <p>Create URL endpoints for HTML requests</p>		
As a manager, I want to be able to add my employees to SKED by sending email invitations so that adding employees to my organization is streamlined.	<p>Create employee database model</p> <p>Create webpage for adding employee (forms)</p> <p>Create view(s) to serve form(s)</p> <p>Create URL endpoints for HTML requests</p> <p>Create dummy employee to be replaced with real</p>		

	<p>employee upon activation</p> <p>Generate and send email to employee with unique activation URL</p> <p>Replace dummy user with real user</p>		
As a manager, I want to be able to add shifts to my positions so that I can schedule my employees to work when I need them to.	<p>Create webpage for adding shift (forms)</p> <p>Create view(s) to serve form(s)</p> <p>Create URL endpoints for HTML requests</p>	Create shift database model	
As a Manager, I want a series of pages which will allow me to visualize and manage my organizations, employees, positions, and shifts	<p>Create webpages for organization, employee, position, and shift info (forms). Use modals.</p> <p>Create view(s) to serve form(s)</p> <p>Create URL endpoints for HTML requests</p>		
As a user, I want a combined landing and login page			
As a manager, I want to be able to view a profile of an employee so I can manage their shifts,	<p>Create webpages for employee profile (forms)</p> <p>Create view(s) to</p>		

position, etc easily	serve form(s) Create URL endpoints for HTML requests		
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Scrum Times:

- Tuesdays, 6-8pm
- Thursdays, 6-8pm
- Fridays, 4-6pm