

Sprint 4 Plan

Product: Physical Time iOS Application

Team: The Physical Time Team

Date: March 4, 2018

1 Goal

In short, we want to capitalize and fine tune the current features that we have, and add more features, if possible given the time frame.

2 Task Listing

- As a user, I want to save my configuration settings in local storage.
 - Task 1: See if there is an Apache Cordova app that will let you easily save data in local storage (it is very likely that there is) (1 hour)
 - Task 2: Create a Javascript function that will store "configuration settings" for the clock in local storage, using this plugin (3 hours)

Total: 4 hours

- As a user, I want to see a settings/configuration page just in case I forget the values I input for the clock augmentation.
 - Task 1: Create an HTML item and some jQuery magic so that when you click on the icon, it will dynamically show you your configuration settings (5 hours)
 - Task 2: Position this in the lower right corner of the clock view page (1 hour)

Total: 6 hours

- As a user, I want at least two or three more animations as features to further visualize the physical time, relative to my location.
 - Task 1: Fine tune the already created features, and finish any user stories that weren't finished in the last sprint. (12 hours)
 - Task 2: Illustrate the different times of the sun, around the clock (dynamically place icons around the clock illustrating when it is sunset, sunrise, etc) (10 hours)

Total: 22 hours

- As a user, I want to change the regular noon time based clock to a dawn based clock
 - Task 1: Calculate the angle offsets (3 hours)
 - Task 2: Use the Solar library to get dawn time for present day (3 hours)

3 Team Roles

- Khai Hua, developer
- Cristian Gonzales, developer
- Stephen Ouyang, developer (Product Owner)
- George Somers, developer (Scrum master)

4 Initial Task Assignment

- Khai Hua: story 2, task 1 & story 2, task 2 & story 3, task 1
- Cristian Gonzales: story 3, task 1 & story 3, task 2
- Stephen Ouyang: story 3, task 1 & story 1, task 2 & story 3, task 2
- George Somers: story 4, task 1 & task 2

5 Burnup chart included separately

6 Scrum board found on Trello

7 Scrum Times

Wednesday and Friday at noon, and Tuesdays at around 10:30AM with TA.