Callout

Sprint 1 Planning Document

Team 11

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**Sprint Overview**

**Overview:**

In this sprint we are going to lay a foundation for the application. To be more specific, we are going to learn as much about Android Development as possible, because none of us are particularly experienced. Also, we are going to establish a barebones UI framework, as well as be able to add new users to the app.

**SCRUM Master:**

Sean Kelley is the scrum master.

**Meeting Schedule:**

We will meet Tuesday and Thursday from 3 to 4:15 pm.

**Risks and Challenges:**

For this sprint, the main challenge will be that no one on the team has a lot of experience with Android development, so a large portion of the time will be spent learning the basics.

**Current Sprint Detail**

* As a user I want to be able to search for clubs by name **- 20**
* As a user I want the app to have an effective user interface that is easy to navigate and intuitive to use - **60**
* As an organization I want to be able to add my club to an Institution - **40**

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| --- | --- | --- |
| **As a user I want to be able to search for clubs by name** | **Time Estimate** | **Owner** |
| Research basic information about retrieving data from a database | 8 | Austin |
| Look up different models and API for search bars | 8 | Trout |
| Create a template for obtaining club information from the database | 2 | Austin |
| Display search bar on screen | 2 | Trout |

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| **As a user I want the app to have an effective user interface that is easy to navigate and intuitive to use** | **Time Estimate** | **Owner** |
| Research screen layouts and buttons/widgets | 15 | Sean |
| Research menus and child/parent classes for Android Applications | 15 | Will |
| Create barebones UI and add basic things like login button | 15 | Sean |
| Create menu hierarchy | 15 | Will |

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| **As an organization I want to be able to add my club to an institution** | **Time Estimate** | **Owner** |
| Create a template for clubs to use | 10 | Trout |
| Create an intuitive method for the clubs to actually add their data | 10 | Trout |
| Create a method to actually send the input to the database in a manner that allows for efficient searching | 10 | Austin |
| Create the club class and institution class | 10 | Austin |

**Backlog**

Tasks still left to be completed:

**Functional**

* As a user, I want...
  + ~~To be able to search for clubs by name~~ **~~- 20~~**
  + To see upcoming events on the calendar - **40**
  + To be able to filter different clubs on the calendar - **10**
  + To be able to be enter details about the type of club I would be interested in joining in order to have my experience tailored towards me - **30**
  + To be able to set clubs as favorites - **10**
  + To be able to see clubs by category - **20**
  + ~~The app to have an effective user interface that is easy to navigate and intuitive to use -~~ **~~60~~**
* As an organization, I want…
  + ~~To be able to add my club to an Institution -~~ **~~40~~**
  + To be able to add events to the calendar - **20**
  + To be able to display information about my club - **10**
  + To be able to add admins to be able to edit the page -**20**
  + To be able to have club page security - 3**0**
* As a developer I want…
  + To ensure the authenticity of clubs that are posted- **30**
  + The ability to remove clubs that are illegitimate - **10**
  + To create a database to store information about institutions and their clubs – **50**

**Non-functional**

* As a developer, I want…
  + To market this application to any institution, not just Purdue University
  + To optimize my code for the highest performance possible
  + To make my application secure so that user and club data is not stolen and misused