**Project Increment (10/9/2018)**

Project 7 (Matchmakers)

**Matchery**

In our second PI, our group will be taking the simple match application and building upon it to make it a user friendly solution that offers helpful options, while still providing accurate matches. We will aim to deliver a user experience that connects well with the back end data that we are providing, integrate the UI into this layer, and complete logic for event/user management on the site (such as adding users, auditions, judges, and user types).

* **Objective 1: Refine user experience with the matching process**
  + Mock up matching page designs
  + Implement page designs (matching screen, changing rankings for users)
  + Add functionality to page for setting up a match and editing properties
  + Investigate React best code practices for UX
  + Prepare back end for data providing on the front end side
* **Objective 2: UI Integration for Event Management**
  + Prepare back end for database modification methods
  + Implement user type logic on the front end
  + Update database models to support judge, admin, and candidate listings
  + Implement event creation/deletion and viewing on the front end
  + Implement event editing functions on the front end
* **Objective 3: UI Integration for Account Management**
  + Implement adding users to events and categorizing based on user type
  + Mock up user account page designs
  + Implement user account pages
  + Prepare back end with user account modification methods
  + Update user model to support contact information
  + Implement user information creation and modification
* **Objective 4: Simple conflict management**
  + Update algorithm to support conflict detection
  + Prepare conflict page design and implementation
  + Prepare back end method calls for conflict detection and resolution
  + Implement front end conflict methods for displaying and resolving