Application Name:
WannaDevelopMyApp

Members and Roles:
William Ramundo, Tyler Hogue, Aidan Liston,
Bratislav Petkovic, Thomas Perone, Ryan Palmer

Functionality:
The web app will require users to make an account if they already have not or to sign in if they have an account already. Our team is considering using google oAuth to allow signing in via email. Each user upon account creation will be a trainer or a trainee. If the signed it user is a trainer his/her home page will display a list of trainees(whose usernames and bio will be displayed). In addition, the home page will have a search bar at the top where the signed in trainer will have the chance to search for particular trainees. This will be a query. Similarly, if the user who is signed in is a trainee he/she will be displayed a list of all available trainers and will have the chance to make a query at the top as well. The API we intend to use is Chuck Norris facts found at https://rapidapi.com/matchilling/api/chuck-norris. Every time a button is clicked a Chuck Norris fact will be displayed. Upon displaying a list of users on the homepage, the signed in user would be able to visit each person's profile. Where they will be able to contact them via email(like in craiglist).

User Story:
You are a strength and endurance trainer with experience coaching Olympic track athletes. You are looking to find any trainees with a similar background and similar goals.

Or you are a recovering athlete who has torn his ACL and you would like to receive injury specific training to bulletproof your knee. You are looking for trainers who have experience in sports medicine.

Tools/Libraries/Frameworks:
AWS, MongoDB, Node.js, API, Google Oauth

<u>Technical Design:</u>
- Two collections:
  - Trainers:
    - Username (String) **<u>Unique</u>**
    - Name (String)
    - Email (OAuth)
    - Bio (String)
    - Rate/Hr $ (Number)
    - Years of Experience: (Number)
    - Trainees (array of trainee usernames)
  - Trainees:
    - Username (String) **<u>Unique</u>**
    - Name (String)
    - Email (OAuth)
    - Bio (String)
    - Goals (String)
    - Trained by (array of trainer usernames)

- Routes:
  - Get all users
  - Get all trainers
  - Get all trainees
  - Get trainee by username
  - Get trainer by username
  - Post a trainer
  - Post a trainee
  - Put a trainer by username
  - Put a trainee by username
  - Delete trainer by username
  - Delete trainee by username
  - Query among trainees for goal/bio
  - Query among trainers for experience/bio
  - Query among trainers by trainees for Rate/Hr