Timeline and Task Breakdown

- 7/28 to 8/9, 11 days total
    - Make GUI - **by Aug 2**
    - SQL Script - **by Aug 6**
    - Troubleshooting + Project assembly **Aug 7**
    - Summary Info PDF - **Aug 7-8**
    - **Submit project by Aug 9!! :)**

TASK SPLITTING COLOUR CODING
This colour = Aaron
This colour = Sean
This colour = Dani

1. **Make GUI - PHP (Ideal Completion Date: Aug 2)**
- Create main menu
- Create buttons for menu (View Job Listings, View Applications, Accept Offer… etc)
- Potentially create separate interface for applicant vs employer
- Merge SQL operations with GUI and allow for the GUI to create tuples.(E.g Create a new job listing using the GUI)

2. **SQL Script (Ideal Completion Date: Aug 6)**
    - each member implements at least 2 queries from end to end
- Create Table scripts
- Insert example tuple scripts
- Add key operations:
    Insert
    Deletion
    Update
    Selection
    Projection
    Join
    Aggregation (Group by, having, nested)
    Division

3. **Project Assembly (Ideal Completion Date: Aug 8)**
- Project description
    - Description, discussion of schema
- Resource/Information File
- Screenshots
- List of queries used

Description of Challenges

GUI
- Lack of knowledge on creating GUI's, which will need to be learned. **Ideally this takes 1-2 days**
- GUI will likely take the most time since we lack experience in coding them, and it may take multiple tries to get them right. Extra time may be necessary to complete it. If so, we will likely sacrifice some time attributed to creating the SQL scripts
- Implementation of allowing operations to be performed in the GUI needs to be designed and planned out.

SQL Scripting
- Most difficult parts of the SQL script are likely going to be aggregation and division which are fairly complex topics and harder to write queries on. **A whole day may be spent on this**
- Organization of tuples so that the examples all connect might take some time

Project Assembly
- Summary info will likely be the easiest and thus only 1-2 days will be assigned to it. If time is tight, we will only use 1.
- If we end up not finishing the large parts of GUI/SQL Script on time, we work on the part together, go Team!!!!