Null Ptrs Agile Scrum

1)   What have you completed since the last meeting?
2)   What will you complete before the next meeting?
3)   Describe any obstacles or roadblocks you face?

Meeting 1

Date: February 13th
Time: 2-4pm
Members present:
- Rocket Romero
- Cory Paik
- Devan Mccallum
- David Blair
- Medha Patel

Meeting Objectives:
- Introductions
- Assess skill set of group members
- Brainstorm project ideas
- Set up Agile Methodology
- Complete milestone 1

Topics Discussed:

As a group we introduced ourselves and discussed which topics of the class we each felt comfortable with. In addition, we assessed which programming languages and applications that each member already knew how to use. Off of our initial assessment of each other we began brainstorming project ideas that were doable given our collective skill sets.

We then summarized a proposed project idea into a milestone 1 document. After, we determined how best to document our progress using the Agile Methodology. Trello seemed like a convenient management application to assign tasks and communicate and record progress between group members. We did not discuss breaking down the project between team members due to time constraints on our meeting. Therefore for next meeting we plan on assigning a preliminary tasks/research on different parts of our proposed project.

Meeting 2

<u>Date:</u> February 28th

<u>Time:</u> 6-7pm

<u>Members present:</u>
- Selena Quintanilla
- Rocket Romero
- Cory Paik
- David Blair
- Medha Patel

<u>Meeting Objectives:</u>
- Discuss project plausibility from Milestone 1
- Orient ourselves with Milestone 2
- Divide Responsibilities for Milestone 2

<u>Topics Discussed:</u>

At the beginning of this meeting, we spent about 15 minutes assessing the difficulty of the original project created in Milestone 1, based on our previous experience and the topics learned in the class so far. We identified that our major weaknesses in our original plan was the marketability of the product, the difficulty to implement a drawing capability and a coding capability in an application, and our group's general interest in the idea. At this point, Medha suggested an idea based on a Dartmouth dating application. With that idea in mind, we discussed the major features of our application being that it collected data from the users, found matches with certain identification requirements, and connects users together based on whether or not they provide their information.

We took these general ideas and determined a set of eight tasks to accomplish our goals for the application. Before we left, we assigned each person a task to look into before the next meeting. Cory was assigned with researching how to make our web pages appear mobile friendly. Medha was tasked with researching how to contact users via an automated script. Selena was assigned with researching how to create and search through a database and what methods would be best, Rocket was tasked with researching how and what methods to use to host a server and a database. David was assigned with researching how to take data from an HTML input form and add it to a database.

<center>**Meeting 3**</center>

<u>Date:</u> March 7th

<u>Time:</u> 6-7pm

<u>Members present:</u>
- Selena Quintanilla
- Cory Paik
- Devan Mccallum

<u>Meeting Objectives:</u>
- Update all required documentation
- Create a timeline for Agile sprints

<u>Topics Discussed:</u>

Despite the fact that only half the group was present for this meeting, we took time to discuss our progress on our tasks and add them to the Project Requirements document. Each member told the group what they found when researching their assignments. Selena found that mySQL would be the best option for searching and creating a database and the LIKE function can be used to search for matches. Cory found that a responsive webpage design would be necessary in order to make the applications mobile friendly. While they were not there, the other group members communicated their findings with the others before the meeting. Rocket found out that one can host everything locally, and have the HTML data sync with the database if they are both hosted locally. David found that a PHP script can be activated from HTML that inserts the data into a database using the SQL command INSERT INTO. Medha found that a Python or HTML script can be activated when a match is found, that sends an automated email (using the HTML mailto action in HTML) when a connection is found.

In addition to this, we updated our Agile Scrum with a few of the items that we were missing from our previous meetings. We also updated our Trello Page to be formatted in Kanban format, as well as have a board for our timeline. We set four periods for Agile sprints, each with a different purpose in mind. The first which is done, is researching, the second is setting up the framework for the program, the third is for adding detail to the app, and the fourth is refining the app and adding additional features like on page messaging. Moving forward we will begin development on our project. Each member has an aspect assigned to them that they will begin developing and overtime integrate together. For assignments, see project timeline.

Looking back, it has been difficult changing our app after the first meeting. Because of this, we had to spend our second meeting re-planning our app and it's features, and research again how to do various tasks. Some questions that came up were how to even host a database, how to get input from HTML into a database and how to search for matches in a database. Through our research and class we found that mySQL can be used to host a database, and a PHP file can be used to insert data directly from HTML into the database. In addition, the SQL like command can search through a database for matches.