Sprint 1 Plan

Heading
- PeersChat
- PCP
- Sprint Completion Date: 7/6/20
- Revision number: 1.0
- Revision Date: 6/30/20

Goal: Be able to record audio and decode/encode said audio in a form that is ready to be transferred. Then send that data over a network to a single receiver.

User Story 1: As someone who likes CLI's, I want to be able to talk to a singular friend so that I do not feel lonely.
- Task 1: Receive raw input data from microphone, output audio (2)
- Task 2: Transfer raw data across network (8)
- Task 3: Encode raw data for efficiency (8)

Total time estimate: 18 hours

User Story 2: As somebody who is scared of CLI's, I'd like my VOIP program to have a GUI as well so that I don't have to use scary CLI's.
- Task 1: Decide on platform to begin GUI development (2)
- Task 2: Create simple GUI platform for user interaction (4)

Total time estimate: 6 hours

User Story 3: As someone who likes CLI's, I want to be able to talk to multiple friends so that when we play video games we can communicate with each other.
- Task 1: Add another thread for each new user in the networking portion (4)
- Task 2: Establish a connection from existing users to new user (8)

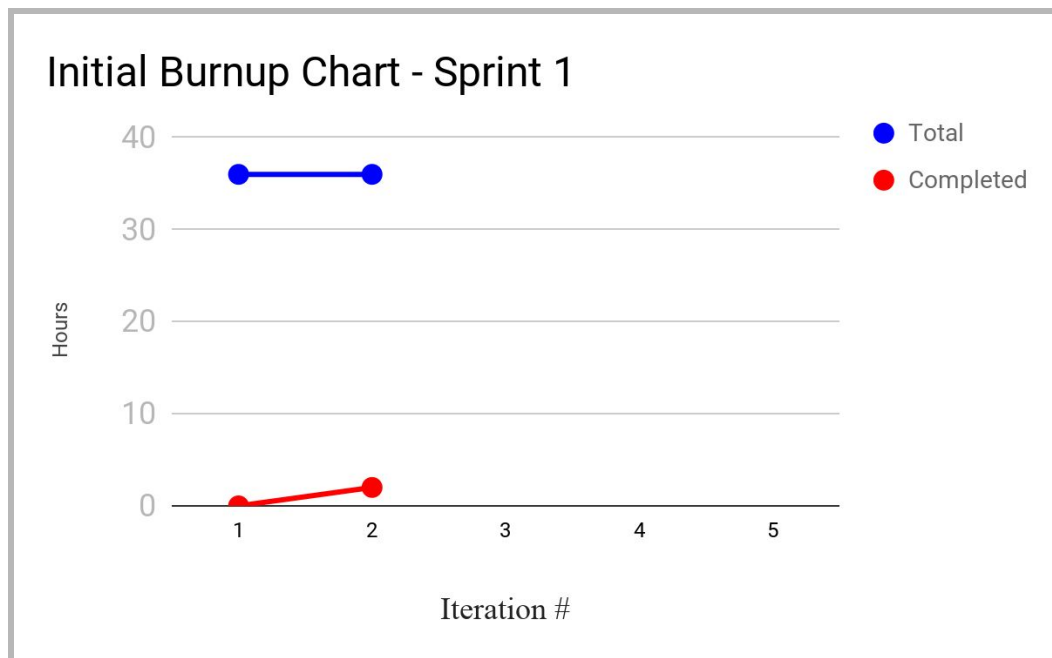Total time estimate: 12 hours

Team Roles
- Tristan: Scrum master {Developer}
- Andrew: Scrum master {Developer}
- Omar: Developer {none}
- Ivan: Developer {none}
- Dane: Product owner {Developer}

Initial Task Assignment

- Tristan: user story 1, task 1
- Andrew: user story 1, task 1
- Omar: user story 1, task 2
- Ivan: user story 1, task 2
- Dane: user story 1, task 3

Initial Burnup Chart
- A graph giving the initial burnup chart for this sprint and is labeled as such with sprint number and project name and is located in the lab.

Initial Burnup Chart - Sprint 1

Legend: ● Total ● Completed

Y-axis: Hours (0, 10, 20, 30, 40)
X-axis: Iteration # (1, 2, 3, 4, 5)

Total (blue) line: approximately 36 hours at iterations 1 and 2.
Completed (red) line: approximately 0 at iteration 1, 2 at iteration 2.

Initial Scrum Board

User Story	To Do	In Progress	Done
As someone who likes CLI's, I want to be able to talk to a singular friend so that I do not feel lonely.	- Task 2: Transfer raw data across network (8) ● Omar - Task 3: Encode raw data for efficiency (8) ● Dane	- Task 2 - Task 3	-Task 1
As somebody who is scared of CLI's, I'd like my VOIP program to have a GUI as well so that I don't have to use scary CLI's.	- Task 1: Decide on platform to begin GUI development (2) ● Andrew, Ivan - Task 2: Create simple GUI platform for user interaction (4)	- Task 1	
As someone who likes CLI's, I want to be able to talk to multiple friends so that when we play video games we can communicate with each other.	- Task 1: Add another thread for each new user in the networking portion (4) ● Tristan - Task 2: Establish a connection from existing users to new user (8)	- Task 1	

Scrum Times
- TA/tutor meetings:
  - Tuesday 1-2pm
  - Friday 12-1pm
- Team meetings:
  - Sunday 6pm
  - Thurs after class