

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 with one friend, I want to talk to them so that I don't 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 has friends who are scared of CLI's, I'd like my VOIP program to have a GUI as well.

- 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 with multiple friends, I want to talk to them 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}

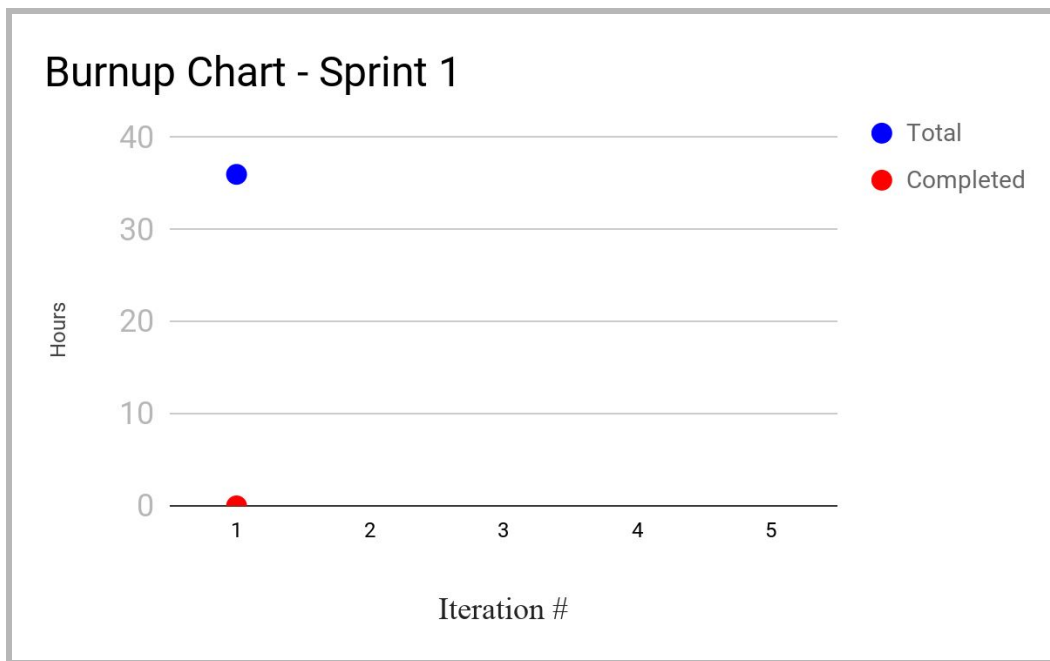
Initial Task Assignment

- 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 Scrum Board

- Also known as a task board, the scrum board is a physical board and labeled as such with sprint number and project name and located in the lab. This board has four columns, titled user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it notes representing the user stories and the tasks for this sprint should be placed in the user stories, tasks not started, and tasks in progress columns. Tasks associated with a user story should be placed in the same row as the user story.

Initial Scrum Board

User Story	To Do	In Progress	Done
As someone with one friend, I want to talk to them so that I don't feel lonely.	<ul style="list-style-type: none">- Task 1: Receive raw input data from microphone, output audio (2)<ul style="list-style-type: none">• Tristan, Andrew- Task 2: Transfer raw data across network (8)<ul style="list-style-type: none">• Omar, Ivan- Task 3: Encode raw data for efficiency (8)<ul style="list-style-type: none">• Dane	<ul style="list-style-type: none">- Task 1- Task 2- Task 3	
As somebody who has friends who are scared of CLI's, I'd like my VOIP program to have a GUI as well.	<ul style="list-style-type: none">- Task 1: Decide on platform to begin GUI development (2)- Task 2: Create simple GUI platform for user interaction (4)	<ul style="list-style-type: none">- Task 1	
As someone with multiple friends, I want to talk to them so that when we play video games we can communicate with each other.	<ul style="list-style-type: none">- 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)		

Scrum Times

- TA/tutor meetings:
 - Tuesday 1-2pm
 - Friday 12-1pm
- Team meetings:
 - Sunday 6pm
 - Wednesday 4pm