

# Sprint 1 Report

## SoundSend

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### **Actions to stop doing:**

The team needs more concentration and coordination. We have gone in circles researching and debating which technologies to use for the project at the cost of valuable development time. In continuously researching, the team is having trouble translating the research into code. Next sprint, we want to work on creating more checked in production ready code and straying away from changing technologies.

We realize that we had to edit scrum meeting timings to make sure they worked in everyone's schedule with the TA. This caused a bit of confusion within the group and what needs to be worked towards fixing this is a better amount of communication and regular updates through email and/or messenger.

### **Actions to start doing:**

The team should make sure there is a more consistent implementation of the scrum rules set, which includes having a regular schedule to host scrum meetings. This will happen in being more organized. Perhaps instead of changing up the scrum times every week according to varying schedules, scrum timings should be fairly regular to avoid confusion. This way, everyone knows when exactly the meeting is happening and meetings won't be created in the last minute. Having Scrum meetings set at a regular time every week would also ensure that group members are able to complete some work and come to the meeting with set questions and notes for the group.

The team is realizing that it may be easier to use an online scrum tool instead of the current whiteboard approach we are using right now because it would allow us to track the user story task progress in real time wherever we are. We hope to start using one of these tools for the next Sprint. Additional features included in these tools will also help us track productivity and show us where we could improve.

### **Actions to keep doing:**

Each team member regularly has an update on the different task that they've been assigned to for that sprint. This active communication within the group keeps everyone updated on each other's work and also motivates them to keep working on their tasks as well. With other classes'

assignments and midterms to worry about, it's easy to get distracted from the tasks assigned in this scrum. But through this communication, team members are able to keep each other's morale up and productivity high.

#### **Work Completed/Not Completed:**

- Work Completed:
  - Wrote code to accept connection on ec2 instances
  - Need to integrate flask framework to better accommodate this code
- Work Not Completed:
  - As a server owner I need to connect one or more devices
    - Write iOS code to make connections to the server
    - Set up process manager on server to handle multiple connections
  - As a listener I need to be able to tune into a channel
    - Develop iOS code that requests to join a session

#### **Work Completion Rate:**

- Total # of user stories completed: 1
- Total # of estimated ideal work hours completed during the prior sprint: 10
- Total # of days during the prior sprint: 15 days
- User stories/day: .07/day
- Ideal work hours/day: 2/day