

# Sprint 2 Plan

## SoundSend

Jake Narkizian, Aditi Gupta, Sejal Chadha, Arnav Gupta, Sean Torres

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**Goal:** Prepare backend code for sending audio between devices

### Task Listing

User Story 0: As a developer, I need to commit all work/changes to repo to help keep track of what is completed.

Task 1: GitHub demo/tutorial

User Story 1: As a broadcaster, I need a server so that I can set up channels to host a broadcasting session (20 points)

Task 1: Write code to accept connections on EC2 Instance (1 hour 30 minutes)

Task 2: Check connectivity to EC2 Instance (40 minutes)

User Story 2: As a server owner, I need to be able to accept one or more connections so that a broadcaster can host a session on my server (16 points)

Task 1: iOS code that starts a connection to an EC2 instance (2 hour)

Task 2: Set up process manager on the instance (4 hours)

User Story 3: As a listener, I need to be able to tune into a channel on the server so that I can stream from the broadcast (14 points)

Task 1: Develop iOS code that requests to join a session (2 hours)

Task 2: Research best AWS technology to manage active sessions (in terms of adding new people and keeping them synced with current listeners) (3 hours)

Task 3: Develop python code that maintains a single connection as part of a session. (4 hours)

### Team Roles

Jake: Project Manager, Developer

Aditi: Developer

Sejal: scrum master, Developer

Arnav: Developer

Sean: Developer

### **Initial Task Assignment**

Jake: User Story 0, User Story 2, Task 2

Aditi: User Story 2, Task 1

Sejal: User Story 3, Task 2

Arnav: User Story 3, Task 1

Sean: User Story 2, Task 2

### **Initial Burnup Chart**

Please see our waffle board for the chart.

### **scrum board**

Check out our waffle page for the scrum board:

<https://waffle.io/JakeNarkizian/sound-send>

### **Scrum Times**

Monday 3:30 - 3:45 pm

Tuesday 7:00 - 7:15 pm

Thursday 7:00 - 7:15 pm