Sprint 1 Plan

SoundSend

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

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Goal: Get acquainted with the technologies needed for this product by making an iOS app that starts a session with a server.

Task Listing

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: Developer

Arnav: Developer

Sean: Developer

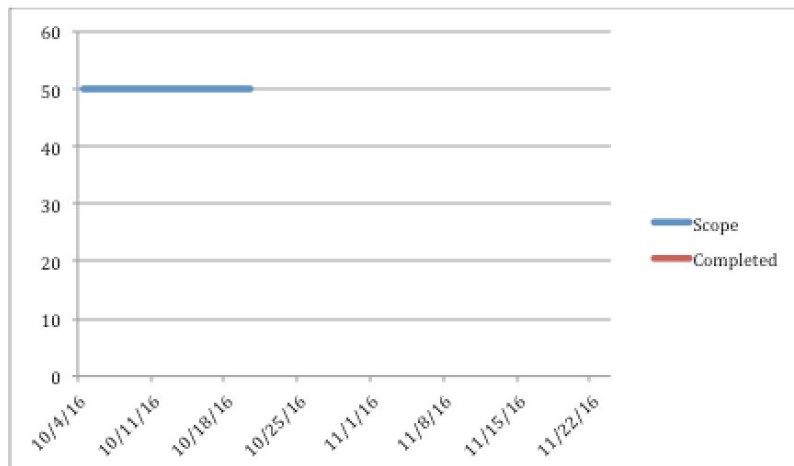**Initial Task Assignment**

Jake: 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

Initial scrum board

user stories	tasks not started	tasks in progress	tasks completed
As a broadcaster, I need a server so that I can set up channels to host a broadcasting session	create EC2 instance		
	Check connectivity to instance		
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	iOS code that starts a connection to EC2 instance		
	set-up process manager on the instance		
As a listener, I need to be able to tune into 1 channel on the server so that I can stream from the broadcast	Develop iOS code that requests to join a session		
	Research Aws tech to manage active sessions		

Scrum Times
Monday 6-7 pm
Wednesday 6-7 pm
Thursday 11:45 - 12:45 pm