

What We Need

- Short description of high-level goals for sprint
- Task listing, organized by user story
 - Task has time estimate in hours
- Team roles
- Initial task assignment for each team member
- Initial burnup chart
- Scrum board
- Scrum times

Sprint Goals

Develop and deploy a minimal webpage that allows users to join chatrooms and send/receive messages.

Development Tasks

- As a user, I want to be able to be given a private chat room, so I could talk without anyone else seeing. **(53 hours (min), 70 hours (max))**
 - 8 SP, Must have
 - Frontend Tasks **(25 hours)**
 - UI **(20 hours)**
 - Home page with connect to chat button(s)
 - Chat page with chat box (message history + submit box) and leave button
 - Services **(5 hours)**
 - Letting user know status of chat room (connected , message history)
 - consuming socket events and displaying them in chat component
 - Backend Tasks
 - Learn flask: **(20 hours)**
 - accepting queue request (HTTP) - 1 unit
 - queue matchmaking (???) - 4 units
 - notifying users about available room (WS) - 4 units
 - handling user disconnects (WS/HTTP) - 2.5 units
 - set up mongodb (bash, mongodb atlas?) - 1.5 units
 - Pymongo
 - DevOps Tasks
 - Setting up AWS, domain name, GH **(8 hours)**
- As a user, I want to be able to send and receive messages, so I can talk away my loneliness. **(12 hours)**
 - 5 SP, Must have
 - Frontend Tasks **(8 hours)**
 - UI **(5 hours)**
 - display those messages in a chat component

- emit event when chat box send pressed
- Services (3 hours)
 - consume messages from backend ws
 - send messages when entered into the chat box
- Backend Tasks (4 hours)
 - handling messages (HTTP) - 1 unit
 - storing in database and assigning ids
 - sending messages to connected users in room (WS) - 2.5 units
 - state: who is in a given room

Team Roles

Alex K - PO

Tyler H - Scrum Master

Andrew Z - Dev

Alex L - Dev

Duncan - Dev

Initial Tasks

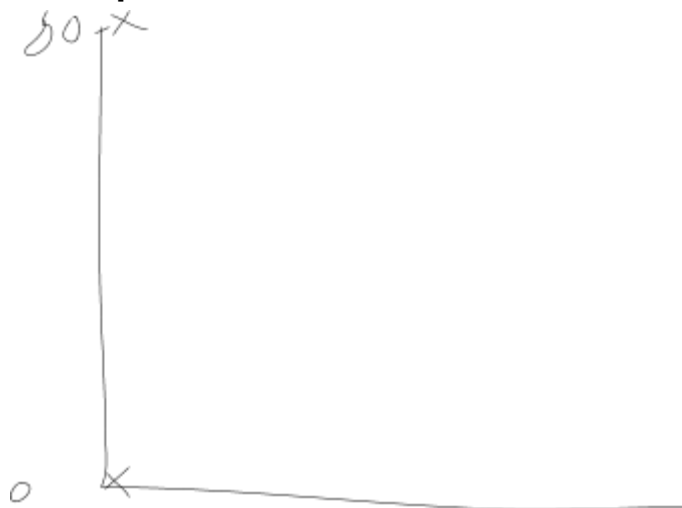
Alex K - Set up AWS, Domain, GH

Duncan - Learn Angular and make basic UI

Tyler & Alex L - Learn Flask, MongoDB

Andrew - consulting, angular services

Burnup Chart



Scrum Board

User Stories	Tasks not started	Tasks in progress	Tasks completed
As a user, I want to to be able to be given a private chat room, so I could talk without anyone else seeing	<ul style="list-style-type: none">- Accepting queue request- Queue matchmaking- Notifying users about available room- Handling user disconnects	<ul style="list-style-type: none">- Learn Angular- Setup basic UI- Learn Flask- Setup Angular project/build- DevOps setup	
As a user, I want to be able to send and receive messages, so I can talk away my loneliness	<ul style="list-style-type: none">- Handling messages- Sending/receiving messages to connected users in room		

Scrum/TA Times
Standup meetings - MWF Noon
TA meet - 1-1:45 PM every Friday
Parking lot - Put questions into