

## Sprint 2 Plan- Client-Server Messenger App

Nithin Singhal - Product Owner

Initial Story/Task: User Story 2 Task 2, User Story 3 Task 2, User Story 3 Task 3

Zachariah Hyman - Scrum Master

Initial Story/Task: User Story 1 Task 2, User Story 3 Task 1

Jesse Rodarte - Backend Developer

Initial Story/Task: User Story 3 Task 2, User Story 3 Task 3

Brad Byun - Frontend Developer

Initial Story/Task: User Story 1 Task 1, User Story 2 Task 1

Sprint 2 Completion Date: November 1, 2022

Revision Number: v0.1

Revision Date: October 20, 2022

**Sprint Goal:** Allow users to create accounts and start conversations with each other that retain conversation history.

User story 1 ("As a user, I want login and registration authentication so that I can access the messaging channels that I am a part of.")

- Task 1: Integrate NextAuth to have users be able to login and register to the messenger app. Users will be able to login/register with either Google accounts, emails, or both. (Time estimation 4 hours (?))
- Task 2: Create or update presentable UI/UX for the login and registration pages (Time estimation 1 hour)

Total for user story 1: 5 hours (?)

User story 2 ("As a user, I want to initiate new direct message conversations by entering another user's login email address")

- Task 1: Page for creating new conversations with a text bar for entering email address. It should make a post request to backend with relevant information (2 hours)
- Task 2: Backend should receive these post requests and store that information in database for ongoing conversations (3 hours)

Total for story 2: 5 hours

User story 3 (“As a user, I want to participate in chat rooms and direct message conversations that retain message history.”)

- Task 1: Interface on chat page for selecting conversation (global chat or particular direct message thread) (3 hours)
- Task 2: Backend stores message history (messages, author of message, correct order) (4 hours)
- Task 3: Frontend displays message history upon opening a chat (3 hours)

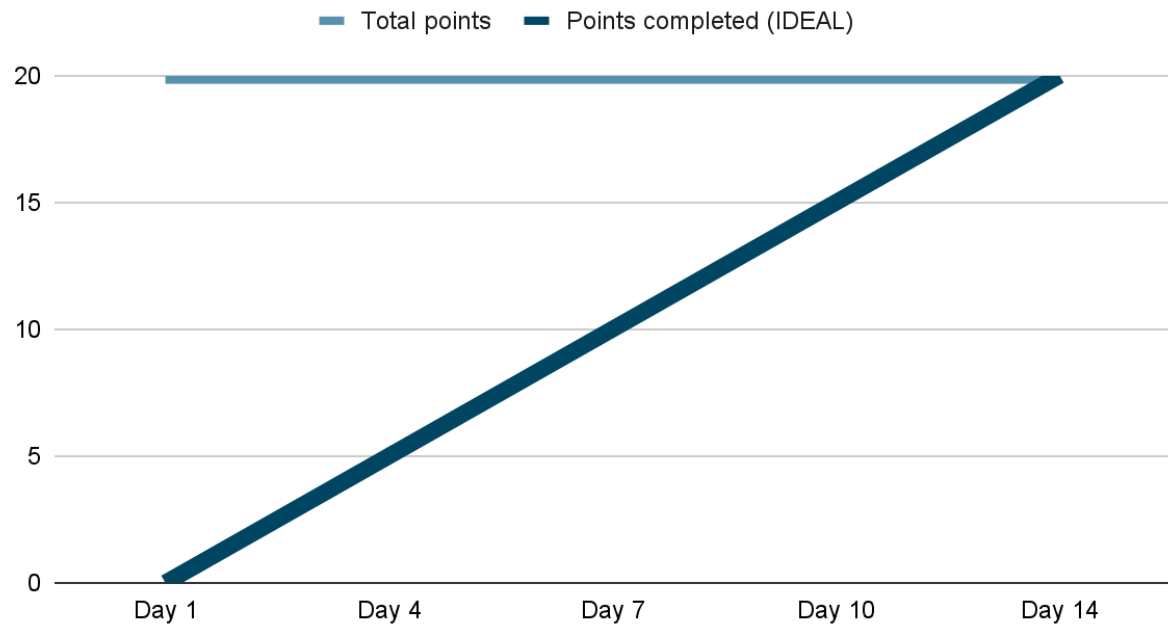
Total for story 3: 10 hours

Initial Scrum Board

| User Stories   | Tasks Not Started   | Tasks In Progress | Tasks Completed |
|--|---|-------------------|-----------------|
| ("As a user, I want login and registration authentication so that I can access the messaging channels that I am a part of.") | <ul style="list-style-type: none"><li>• Integrate NextAuth to have users be able to login and register to the messenger app. Users will be able to login/register with either Google accounts, emails, or both.</li><li>• Create or update presentable UI/UX for the login and registration pages</li></ul> |                   |                 |
| As a user, I want to initiate new direct message   | <ul style="list-style-type: none"><li>• Task 1: Page for creating new conversations</li></ul>   |                   |                 |

|   |   |  |  |
|---|---|--|--|
| <p>conversations by entering another user's login email address</p>   | <p>with a text bar for entering email address. It should make a post request to backend with relevant information</p> <ul style="list-style-type: none"> <li>• Task 2: Backend should receive these post requests and store that information in database for ongoing conversations</li> </ul>                   |  |  |
| <p>"As a user, I want to participate in chat rooms and direct message conversations that retain message history."</p> | <ul style="list-style-type: none"> <li>• Interface on chat page for selecting conversation (global chat or particular direct message thread)</li> <li>• Backend stores message history (messages, author of message, correct order)</li> <li>• Frontend displays message history upon opening a chat</li> </ul> |  |  |

## Burnup Chart (Sprint 2)



### Scrum Times

- Tuesday 4p-5p
- Thursday 4p-5p
- Sunday 9a-1pm
- Monday 2p-3p (TA meeting)