

Sprint 3 Plan- Client-Server Messenger App

Nithin Singhal - Product Owner, Backend Developer

Initial Story/Task: User story 1.1 and 1.2

Zachariah Hyman - Frontend Developer

Initial Story/Task: User story 2.2

Jesse Rodarte - Backend Developer, Scrum Master

Initial Story/Task:

Brad Byun - Frontend Developer

Initial Story/Task: User story 2.5, User story 1.3 and 1.4 when backend is done

Sprint 3 Completion Date: November 15, 2022

Revision Number: v0.5

Revision Date: November 2, 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: Backend login route (/login): Receive username and encrypted password, respond with success or failure by checking for match in database
- Task 2: Backend account registration route (/user): Receive username and encrypted password, initialize account in database
- Task 3: Have login and registration pages call backend API, sending password and username
- Task 4: Implement frontend password encryption for when sending data to API

Total for user story 1: 8 hours (?)

User story 2 ("As a user, I want to participate in chat rooms and direct message conversations that retain message history.")

- Task 1: Backend stores message history (messages, author of message, correct order) (4 hours)
 - Messages organized by group
- Groups
- Task 2: Sidebar menu with options to select conversations

- Task 3: Implement creation of new chats, both DMs and Group Conversations
- Task 4: Have chats display chat history by calling backend API
- Task 5: UI for chat creation menu

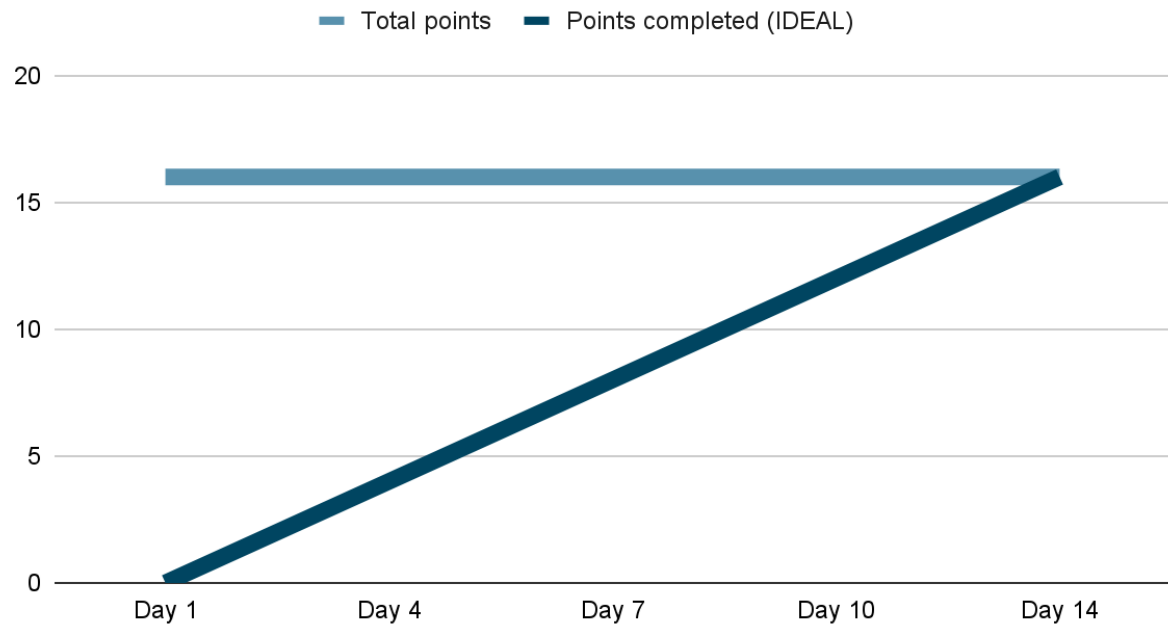
Total for user story 2: 20 hours (?)

Spike: Deploy project so different computers can access it instead of just local tabs

Initial Scrum Board

User Stories	Tasks Not Started	Tasks In Progress	Tasks Completed
User story 1	1.1		
	1.2		
	1.3		
	1.4		
User story 2	2.1		
	2.2		
	2.3		
	2.4		
	2.5		

Burnup Chart (Sprint 3)



Scrum Times

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