

Sprint Report 4

1. Sprint Overview

Sprint Number: 4

Duration: January 8, 2023 - January 20, 2023

Team Overview and Capacity:

Team member	Role	Capacity
Ana	Backend + Frontend Dev	4 days x 2.5h
Alexandra	Backend + Frontend Dev	4 days x 2.5h
George	Backend Dev	4 days x 2.5h
Miruna	Backend Dev + Scrum Master	4 days x 2.5h

2. Sprint Goals and Backlog

Backlog Items:

1. Live chat

User story:

As a user, I want to send instant messages to other pet owners on PetBook so that I can have real-time conversations with them.

Acceptance Criteria:

GIVEN I am in an open chat conversation with another pet owner,

WHEN I type a message in the chat input box and press 'Send',

THEN my message should be sent in real-time and appear immediately in the chat window.

GIVEN I am in an active chat conversation,

WHEN the other pet owner sends a message,

THEN the message should appear in our chat window in real-time without needing to refresh the page.

2. Improve chat UI

User story:

As a user, I want to send instant messages to other pet owners on PetBook so that I can have real-time conversations with them.

Acceptance criteria:

GIVEN I am using the chat feature,

WHEN I am sending and receiving messages,

THEN the chat interface should display messages clearly, distinguishing between sent and received messages

AND show timestamps for each message

AND display the user you are chatting with at the top of the conversation

3. Share pictures in chat

User story:

As a user, I want to send pictures in the chat so that I can share visual updates and moments with other pet owners.

Acceptance criteria:

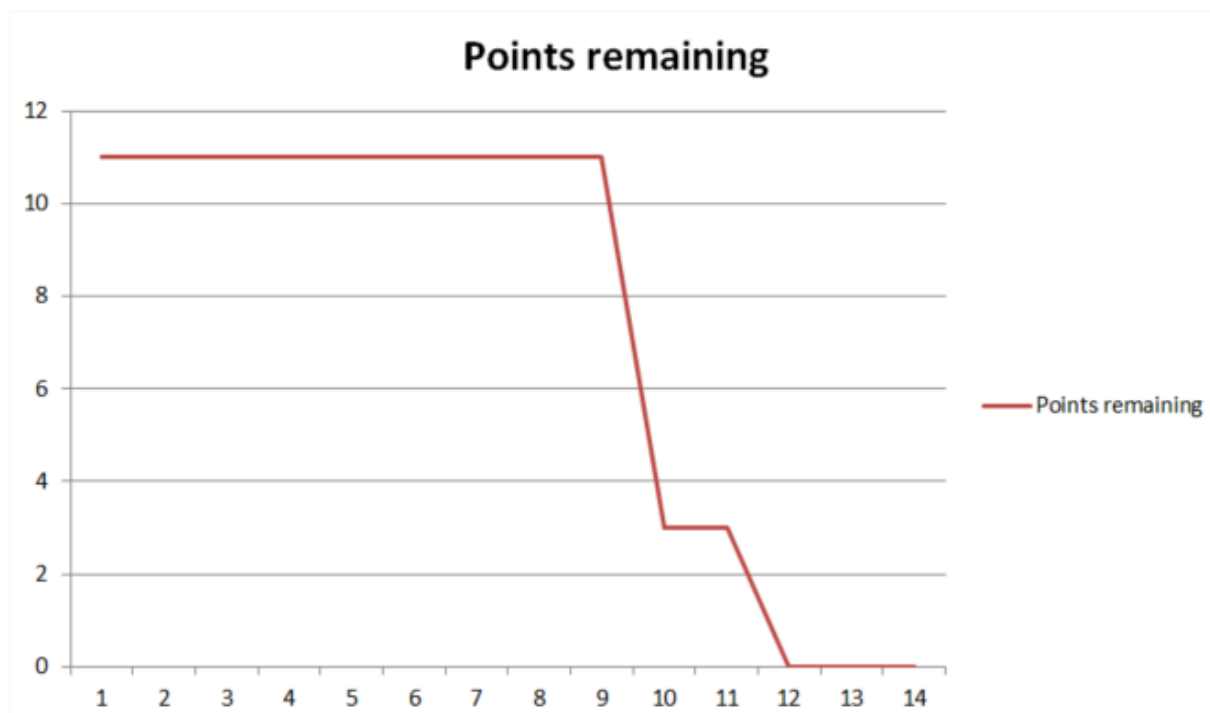
GIVEN I have selected the option to attach a picture,

WHEN I choose a picture from my device's gallery or take a new photo,

THEN the picture should be uploaded and ready to be sent in the chat.

3. Progress and Status

Burn Down Chart:



Status of Planned Items:

- Completed Items: Live chat, Improve chat UI
- Cancelled Items: Send pictures in chat(not enough time to finish it, we decided that it's not critical to the chat feature)

4. Sprint Review

MVP Status:

This sprint, we finished the chat feature, making the app more engaging and closer to a mainstream social media platform. As we did not manage to implement the sending pictures functionality, we decided that the app is not at its 100%.

Product Progress:

After this sprint we have a MVP score of 90.

Achievements:

1. Successfully implemented a real-time single page chat, a first for all of us.
2. Made the UI intuitive, inspired by big chatting apps, such as WhatsApp or Telegram.

Setbacks:

To much effort allocated to this sprint, did not manage to finish all User Stories.

Stakeholder Feedback:

- ★ Stakeholders expressed satisfaction with the final UI/UX and performance of chat.

5. Sprint Retrospective

Team Feedback

- Good choice of framework(Signal R)
- Not great planning(committed to too many User Stories)

Challenges and Wins

- Wins: integration with Signal R, good UX design
- Challenges: researching Signal R (its documentation is hard to grasp)