Sprint Report 3

1. Sprint Overview

Sprint Number: 3

Duration: December 11, 2023 - December 23, 2023

Team Overview and Capacity:

Team member	Role	Capacity
Ana	Backend Dev	2 days x 3h
Alexandra	Backend Dev + Scrum Master	2 days x 2h
George	Backend Dev	2 days x 3h
Miruna	Frontend Dev	2 days x 2h

2. Sprint Goals and Backlog

Backlog Items:

1. Write front end code for chat page

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 that I am logged into my account
AND I am on the chat page where I can communicate with other pet owners,
WHEN I press on a chat from my conversations
THEN my messages from that conversation should appear in the chat window immediately, indicating successful transmission,
AND the chat interface should clearly distinguish between messages sent by me and messages received from others, with appropriate timestamps,
AND the chat interface should remain responsive and functional across various device sizes and orientations,

2. Add controller methods to support sending and creating chats

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 that I am logged into my account
AND I am on the chat page where I can communicate with other pet owners,
WHEN I type a message in the text input field and click the 'Send' button or press 'Enter',
THEN my message should appear in the chat window immediately, indicating successful transmission,
AND I should see real-time incoming messages from other users without needing to refresh or reload the page

3. Write calls to API from front end

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 that I am logged into my account
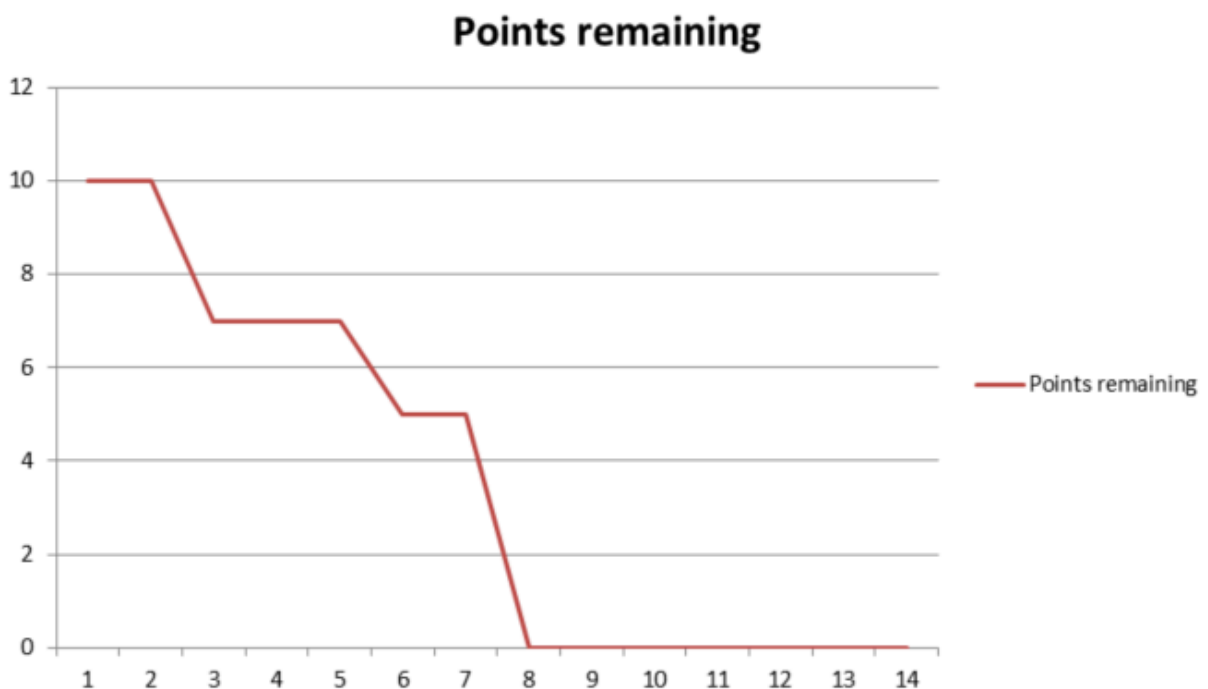**AND** I am on the chat page where I can communicate with other pet owners,
WHEN I type a message in the text input field and click the 'Send' button or press 'Enter',
THEN my message should appear in the chat window immediately, indicating successful transmission,

AND I should see real-time incoming messages from other users without needing to refresh or reload the page

3. Progress and Status

Burn Down Chart:

Status of Planned Items:
- Completed Items: All
- Moved to next sprint: None

4. Sprint Review

MVP Status:

This sprint, we continued working on the new chat feature. As it is not done yet, the MVP does not change.

Product Progress:

After this sprint we have a MVP score of 65.

Achievements:

1. Successfully implemented controller methods for the chat functionality.
2. Successfully binded the frontend part of the chat to the backend part.

Setbacks:

Not much experience with Jquery integrated în ASP.Net app, causing JSON serialization problems.

Stakeholder Feedback:

★ Stakeholders expressed satisfaction with the progress on the chat functionality.
★ Stakeholders were not satisfied with the current UI/UX design and suggested adding a more intuitive design (for example, when opening a chat, the name of the user you're having the conversation with should appear at the top of the conversation)

5. Sprint Retrospective

Team Feedback
- Good progress with chat
- Good collaboration due to compatible schedules
- Realized bad choice of technologies for frontend (JQuery), more modern frameworks (React) are available and could've been used

Challenges and Wins
- Wins: completed all User Stories, correctly estimated time
- Challenges: designing a responsive chat page with the chosen technologies

Improvements for the next sprint
- For the next sprint, we want to research good UI/UX practices to make the UI/UX design better