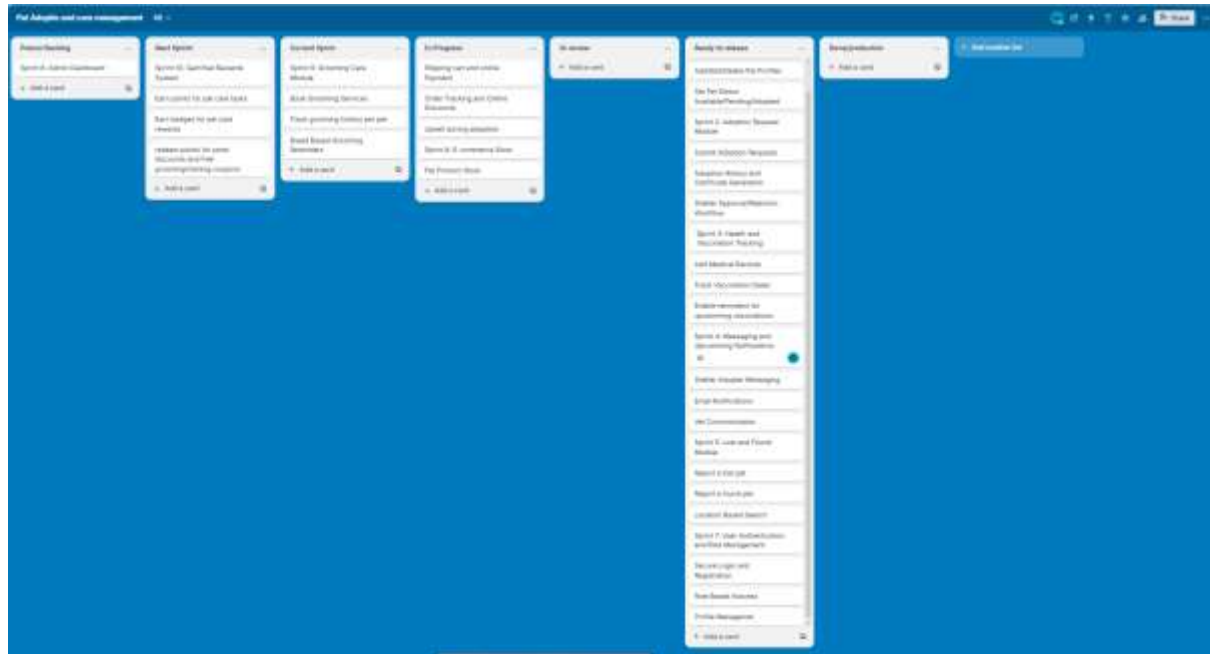


## 1. Sprint Planning & Backlog

### 1.1 Trello Sprint Planning Screenshot



### 1.2 Incomplete or Carried Forward Tasks from Previous Sprint

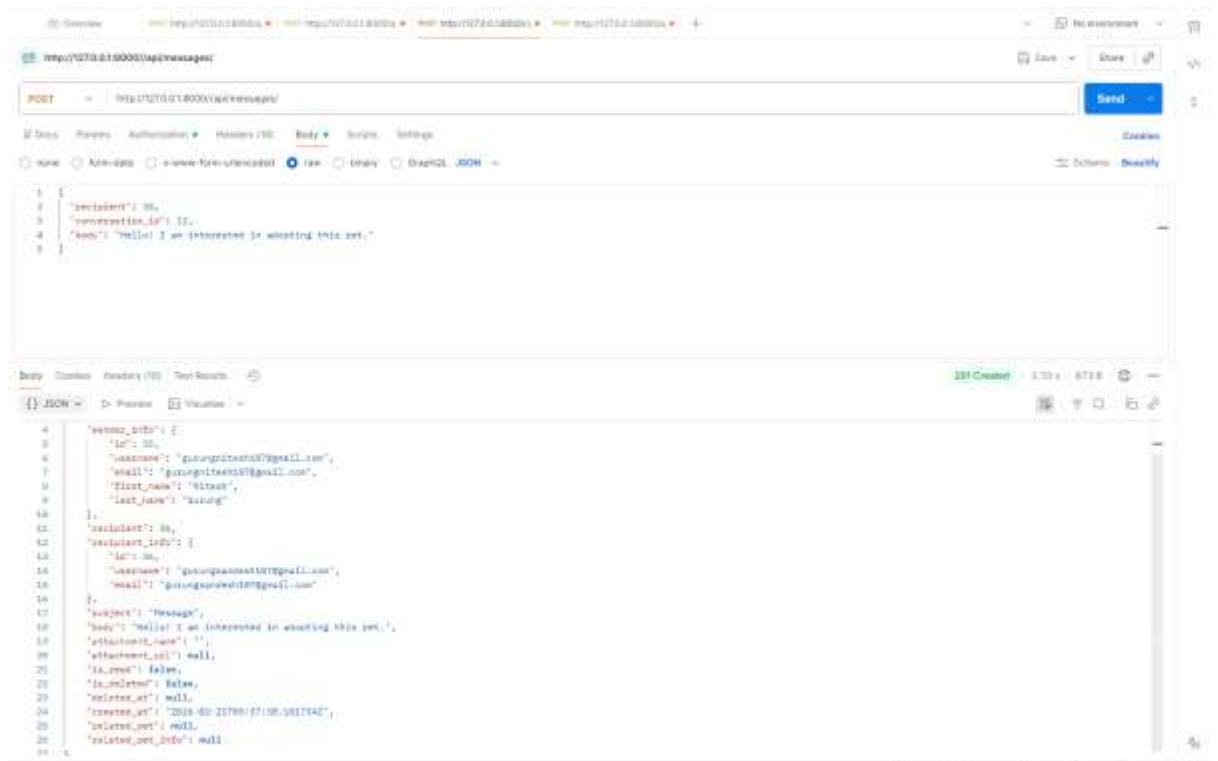
I completed the lost and found section of which the logic wasn't handled properly and made the chat system real time using the websocket

## 2. API Development & Testing

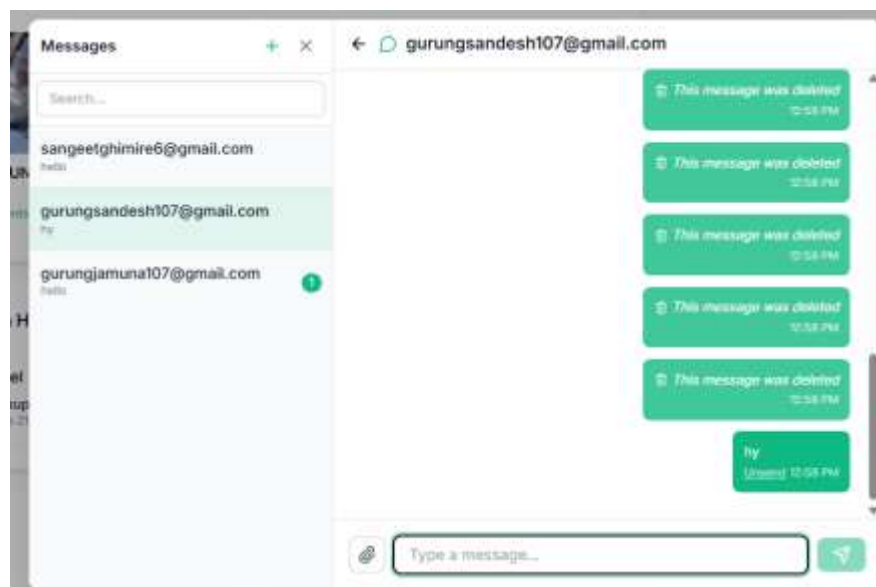
### APIs Worked on

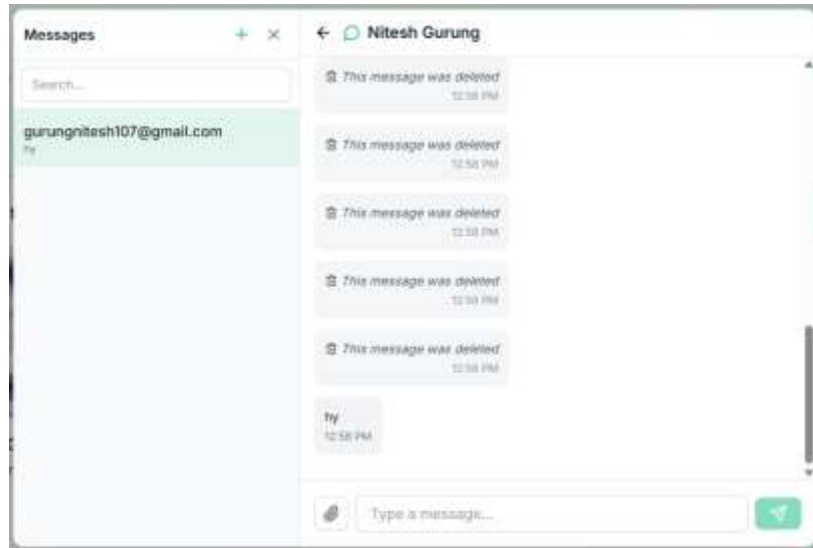
API Name	Method	Status	Tested
Send Message	Post	Completed	Sucessfull

### API Testing Screenshots

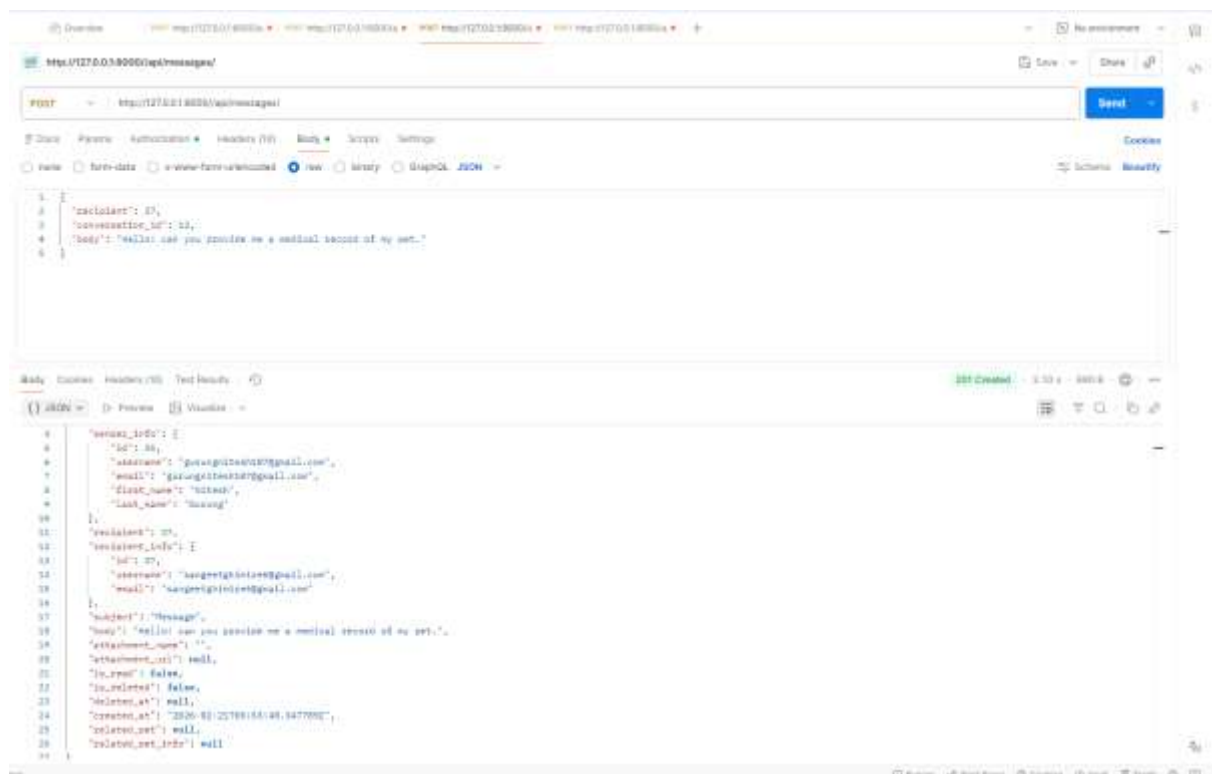


Chat Testing Successful between adopter and shelter

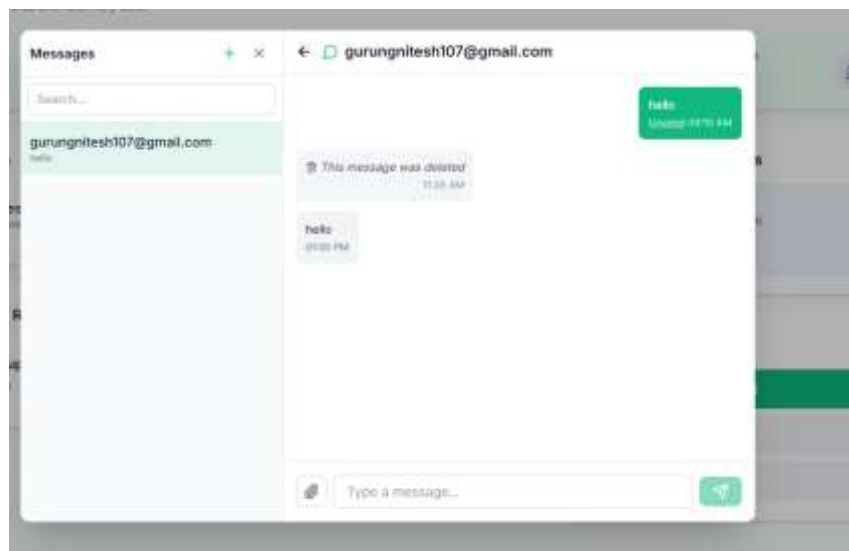
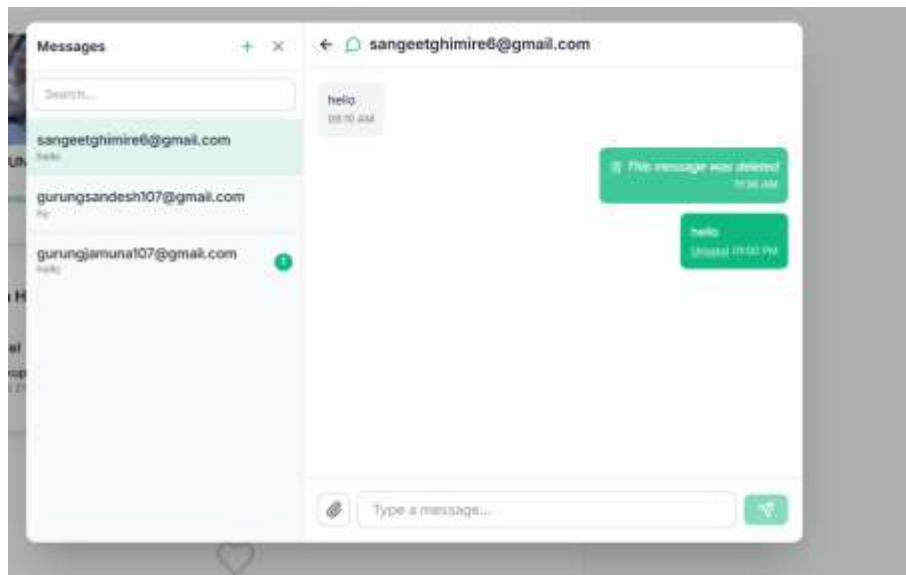




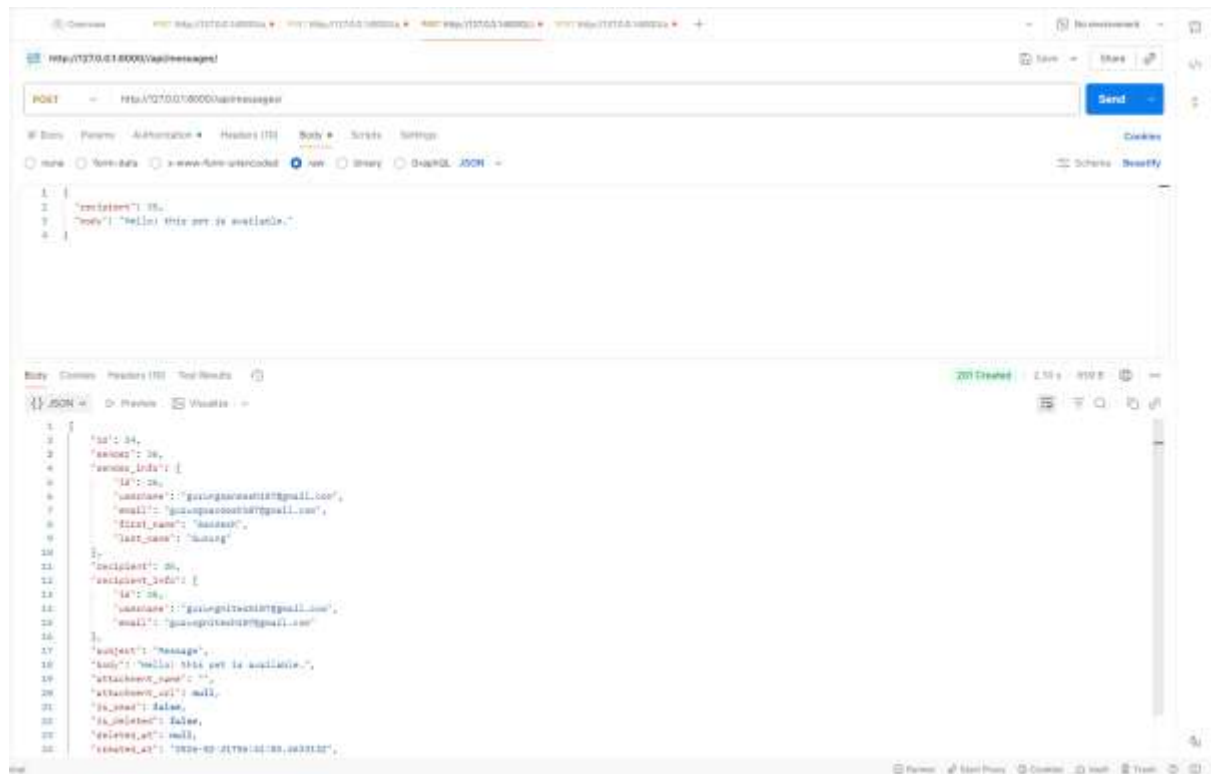
Successfull



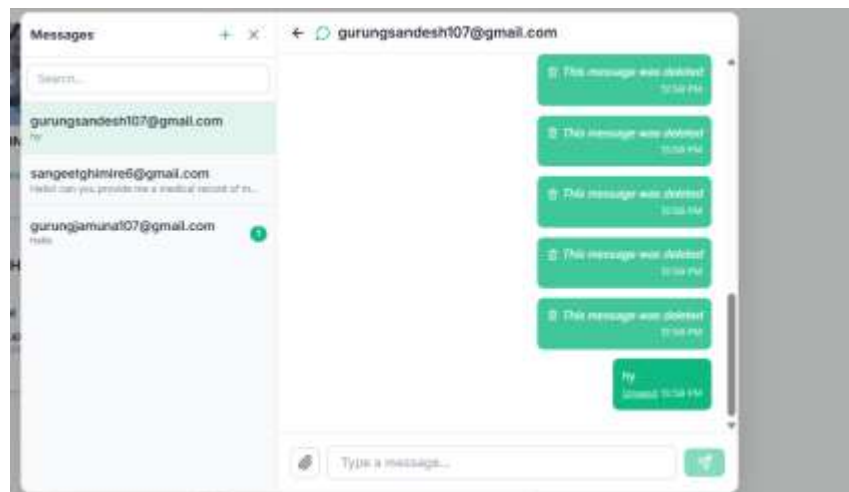
Chat testing successful between adopter and veterinerian

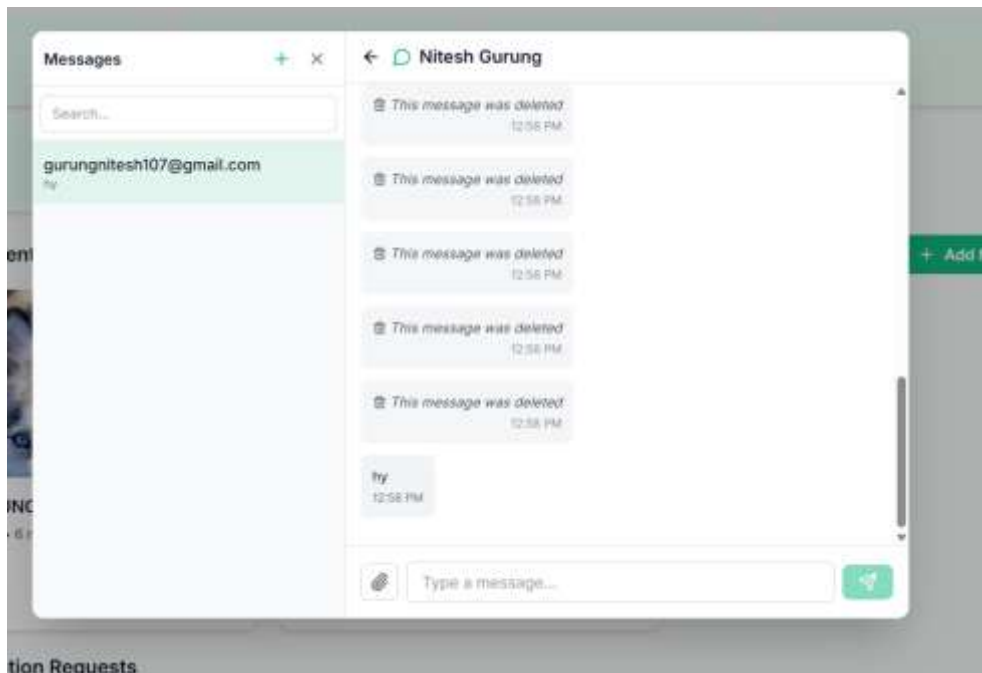


Successfull



Chat testing successful between shelter and adopter

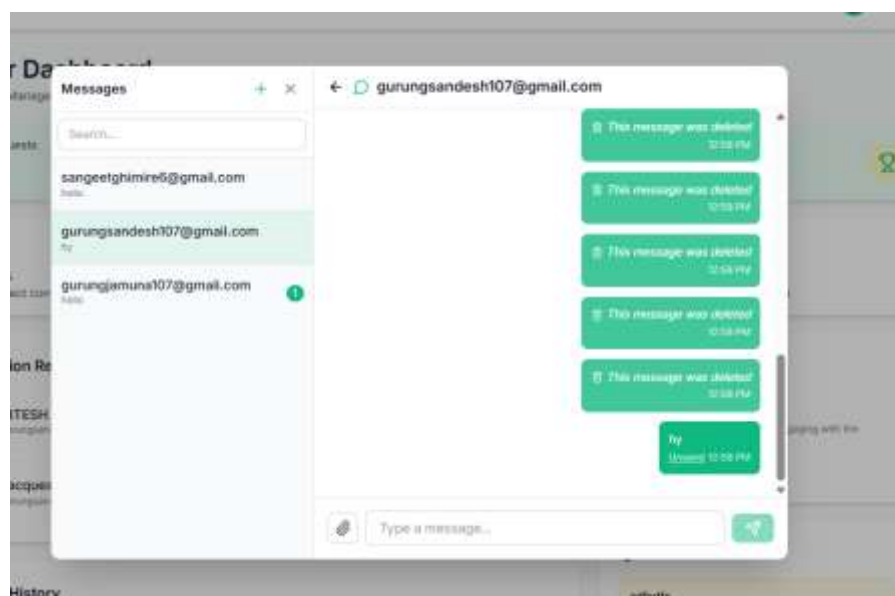




Successful

### 3. Frontend Integration Progress

#### Frontend Integration Screenshots



Chat Frontend Integration

```

WebSocket consumer for real-time chat. One room per conversation (pair of users).
Authenticates via JWT in query string; only allowed chat partners can join the room.
"""
import json
from channels.generic.websocket import AsyncWebsocketConsumer
from channels.db import database_sync_to_async
from django.contrib.auth import get_user_model

User = get_user_model()

class ChatConsumer(AsyncWebsocketConsumer):
    """
    Room name: chat_{min_user_id}_{max_user_id} so both participants join the same room.
    URL: ws/chat/{other_user_id}/?token={jwt}
    """

    async def connect(self):
        self.room_group_name = None
        self.user = None

        # Parse other_user_id from URL
        other_user_id = self.scope["url_route"]["kwargs"].get("other_user_id")
        try:
            other_user_id = int(other_user_id)
        except (TypeError, ValueError):
            await self.close(code=4400)
            return

        # JWT from query string
        qs = self.scope.get("query_string", b"").decode()
        token = None
        for part in qs.split("&"):
            if part.startswith("token="):

```

Backend code

#### 4. Unfinished tasks, Issues & Blockers

- left to make the logic of shelter and veterinarian chat

#### 5. Sprint Status & Next Steps

##### 5.1 End of Sprint Trello Screenshot

