Project Status report

Name:	Jasmeet Singh
Community (UN SD goal):	Individual participation/Serving a context Community: Individuals seeking to understand and manage their own emotions for personal well-being. Family members and friends wanting to support their loved ones in emotional struggles. UN SGDs: 3 & 4
MVP #	1,2,3 & 4
Sprint cycle dates:	November 16, 2023 - November 30, 2023

Project Name	EmoDetect - Human Emotion Detector
Blurb	This project aims to create a user-friendly application for accurately identifying and managing six different types of emotions: anger, fear, happiness, neutrality, sadness, and surprise. Additionally, the app offers personalized recommendations, including meditation practices and nearby dining options, to help users enhance their emotional well-being. UN SDG(s): 3 & 4
For Week Ending	November 31, 2023
Project Status	Yellow
Status Description	**The reason for Yellow Project Status:** • Implementation of available API's did not work out as intended • Had to create my own API for the emotion recommendation piece of the project which was time consuming. **Strategies for achieving Green Status:** • Expand the API set • Implement the image uploader for emotion detection

Activities—During the past sprint cycle

API Implementation:
• Implemented the API to provide the recommendations based on the emotion detected

Back-end Development:
• Added the model to the back-end to detect the uploaded images

Front-end Development:
• Added the image upload functionality
• Created the Emotion Detection page and designs
• Added Terms and Condition; feedback from one of the scrums

Project Issues

None

Project Changes

- Instead of doing live emotion detection on the website, the website will now allow the users to upload pictures and get their emotion detection and provide recommendations
- Instead of using an API from the web, I decided to create my own. This will allow me to tailor the API to the project needs

Activities—Planned for Next Week

1. Finish and Polish
   - Finish the remaining bits of the project such as performance of the model
   - Polish the front-end design
2. Upload the project and final documentation to Githu

Reflection

Do you feel "on track"?
- Yes, I do feel I'm on track. However, tackling with the model to recognize real-time emotions turned out to be very time consuming and at the end it did not work. I created my own API for the recommendation which also was a bit time consuming.

What progress do you particularly feel good (great) about?
- I feel really good about completing all the MVP's and getting a workable project in this class. I have learned new techniques such as flask and creating my own Api which will definitely help I the future

What barriers (if any) do you feel is/are a current impediment to success?
- Time has been a constraint, particularly when adapting to and learning new technologies. The challenge in this sprint cycle was mainly the model fro real-time detection and API for recommendations

What help (if any) do you require to move positively forward?
- None

What questions or concerns do you have (if any)?
- None