



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
Sprint cycle dates:	November 01, 2023 - November 16, 2023

Project Name	EmoDetect - Human Emotion Detector
Blurb	<p>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.</p> <p>UN SDG(s): 3 & 4</p>
For Week Ending	November 17, 2023
Project Status	Yellow
Status Description	<p>The reason for Yellow Project Status:</p> <ul style="list-style-type: none">• Connecting Flask with Back-end is turning out to be very time consuming• Intensive API research for Emotion recommendations <p>Strategies for achieving Green Status:</p> <ul style="list-style-type: none">• Connect back-end with front-end• Implement the API's in to the system to provide recommendations
Activities—During the past sprint cycle	

API Research:

- Conducted in-depth research on API's that would be suitable to provide emotion recognition based recommendations.

Front-end Development (MVP 3):

- Downloaded the flask libraries in the Conda environment to facilitate the web application.
- Created the folder structure
- Created the front-end design which includes the pages: Homepage, About US, Feedback

Project Issues

None



Project Changes

None

Activities—Planned for Next Week

1. Complete MVP 2
 - Finish MVP 2 in terms of providing recommendations using a suitable API
 - Alternative option will be to create my own API if not suitable API is found
2. Polish MVP 1 and 3 compatibility
 - Connect the trained model to front-end
 - User Feedback form
 - Add terms and condition for camera usage

Reflection

Do you feel "on track"?

- Yes, I do feel I'm on track. However, I'm progressing at a slightly slower pace than I anticipated. This is largely due to the connectivity issues between the front-end and back-end. In addition, finding compatible API's for emotion recommendation is also turning out to be more time consuming. As an alternative, I will potentially look to make my own API.

What progress do you particularly feel good (great) about?

- I feel really good about the completion of the front end design.

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 challenges mainly are connecting my back-end with front-end has been very time consuming.

What help (if any) do you require to move positively forward?

- None

What questions or concerns do you have (if any)?

- None