

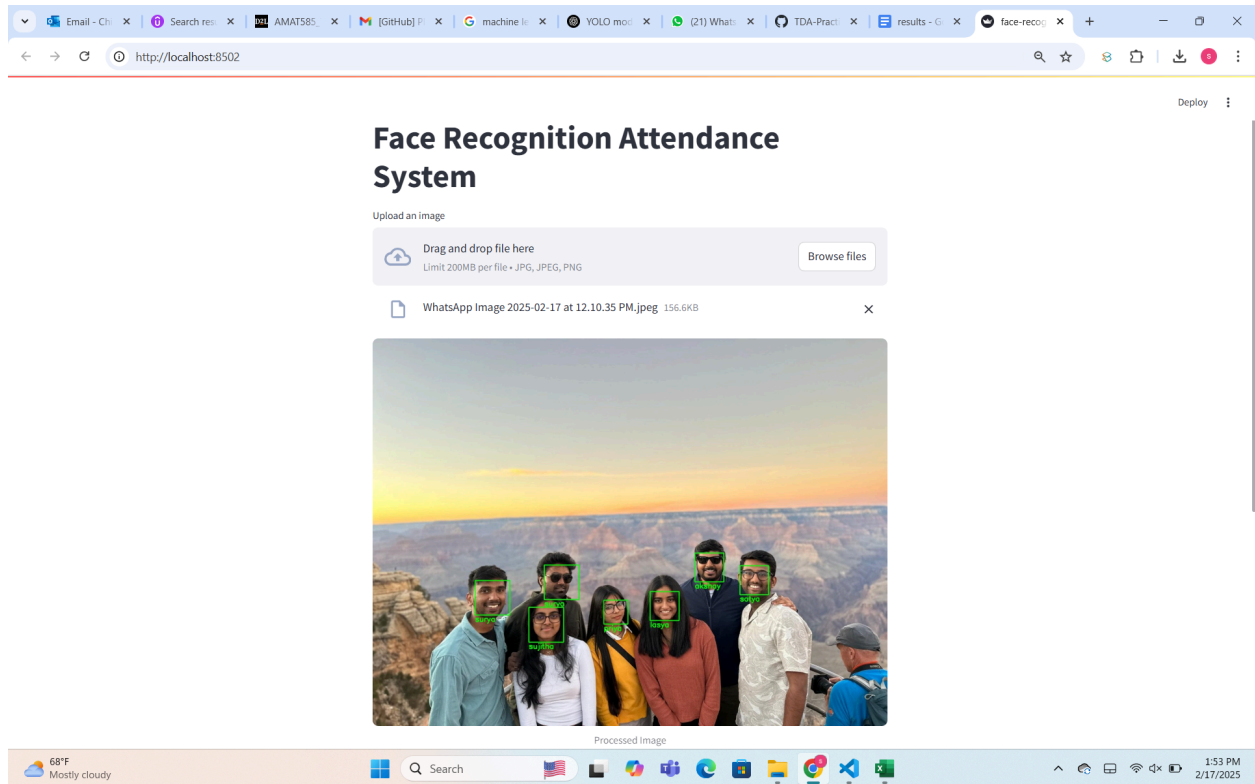
The Smart Attendance System utilizes advanced computer vision and machine learning techniques to automate the process of tracking attendance. By leveraging **YOLO (You Only Look Once)** for real-time object detection and **Hugging Face** for powerful transformer models, the system is capable of identifying individuals in images uploaded by users. I created a custom dataset with pictures of my friends, allowing the model to be trained for accurate face recognition.

I used individual pictures of my friends including some entrepreneurs as the dataset.

Now, this is a picture of me and my friends from a trip. If I upload this picture in my application, it will recognize their names accordingly from the dataset.



This is the model I have built using YOLO and HuggingFace and after uploading the image these are the results.



Attached the attendance sheet in results file(csv file) and a snapshot of it below.

