**Model Development Phase Template**

| Date | 21 July 2024 |
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| Team ID | Team-740025 |
| Project Title | Unlocking Silent Signals :Decoding Body Language with mediapipe |
| Maximum Marks | 10 Marks |

**Initial Model Training Code, Model Validation and Evaluation Report**

The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include a summary and training and validation performance metrics for multiple models, presented through respective screenshots.

**Initial Model Training Code (5 marks):**

Paste the screenshot of the model training code

**Model Validation and Evaluation Report (5 marks):**

| **Model** | **Summary** | **Training and Validation Performance Metrics** |
| --- | --- | --- |
| Model 1 | The code reads a CSV file named 'coords.csv' into a DataFrame using Pandas and displays the first few rows of the DataFrame. This helps to quickly inspect the structure and contents of the data for further processing. |  |
| Model 2 | Video capture wcapturing real-time video and applying holistic model detection to identify and track human poses, hands, and faces. It's useful for applications in interactive systems, gesture recognition, and augmented reality. |  |
| Model 3 | capture landmarks from an image, potentially using a library like opencv, and then export these landmarks to a CSV file. |  |
| Model 4 | OpenCv webcam when it get activated it collects data for happy mood and also fight,victorious,sad, collects the data |  |