**Data Collection and Preprocessing Phase**

| Date | 21 JULY 2024 |
| --- | --- |
| Team ID | Team-740025 |
| Project Title | Unlocking Silent Signals:Decoding Body Language With Mediapipe |
| Maximum Marks | 2 Marks |

**Data Collection Plan & Raw Data Sources Identification Template**

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

**Data Collection Plan Template**

| **Section** | **Description** |
| --- | --- |
| Project Overview | This project involves implementing MediaPipe to detect body movements, collecting datasets, training machine learning models for accurate body language , developing a user-friendly application for real-time use in various scenarios like who can not hear |
| Data Collection Plan | Data will be collected from actions like happy, sad, fight etc. with the sequence of 10 actions per each mood with facial expression and hand gestures. |
| Raw Data Sources Identified | Gathering data from facial expression and hand gestures in various moods like happy , sad, fight etc in webcame . |

**Raw Data Sources Template**

| **Source Name** | **Description** | **Location/URL** | **Format** | **Access Permissions** |
| --- | --- | --- | --- | --- |
| Dataset | In this project we have used .csv data. This data is downloaded from  Git hub | [raw.githubusercontent.com/manthan89-py/Body-Langugae-Decoder-Using-Mediapipe/master/coords.csv](https://raw.githubusercontent.com/manthan89-py/Body-Langugae-Decoder-Using-Mediapipe/master/coords.csv) | CSV | Public |