**INDIVIDUAL REPORT**

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| **Project Name:** | Face Detection and Recognition for Criminal Identification System |
| **Day:** | August 25, 2022 |
| **Name:** | Prasanna Konakanchi |

**REPORT:**

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| **Your planed objectives** | Criminal identification system is essential in keeping the society safe. The recognition of faces can help law enforcement officers detain criminals and investigate crimes more easily. The android application that is planned will use facial recognition software to identify suspects. This will help law enforcement agencies to catch and convict criminals more easily |
| **Your achieved objectives** | first, I understand what the system is trying to accomplish. The main goal is to identify a person based on their features. There are many different ways to detect and recognize faces, but the most common methods are image or video capture and analysis, biometric recognition, and machine learning. After capturing or collecting the data, we- need to train your system to recognize specific faces. Once it is trained, you can then use it for criminal identification purposes. |
| **Your missed objectives and make-up plan** | First, I misunderstood the concepts of machine learning part in this project after some research I came to to know about how we can use android in this project using Machine learning. In order to create a great criminal identification system, it is important to have a good make-up plan. This includes having a strategy for detecting faces and tracking their movements. The first step is to develop a face detection algorithm. This will help you identify people in photos or videos. Afterwards, you need to develop a tracking algorithm. This will help you follow the movement of the faces over time. Finally, you need to implement the system on an Android application. |
| **Your plan for next sprint** | The next sprint for the Face Detection and Recognition project is planned for September, 2022. This will include the development of a new detection algorithm and testing it on a wider range of faces. In addition, the team will continue to work on improving the user interface and making the system more reliable. |