**CS5131 Project Report**

**Title: Developing a facial recognition model as an alternative to the fingerprint scanners at our boarding school**  
  
**By: Choy Aik Lok & Dominic Cheong**

**Objective**This project intends to provide an alternative to the fingerprint scanners at our boarding school using facial recognition. The project only intends to cover the backend, and there will be no prototype. Hardware used for demonstration will be camera from computer.

**Development Processes and Tools Use**

**Application of concepts and techniques**

**Results and Findings**

**Screenshots and Diagrams**

**Limitations**

**Conclusion and Recommendations**

**References**

[1]

[2]

**Note:** You may modify or include additional sections if there is a need. The above is just a

suggested template.

**SAMPLE**   
 **Work Distribution Matrix**

|  |  |  |
| --- | --- | --- |
| **Work Description** | **Student A** | **Student B** |
| Ideation & Proposal | ✔ | ✔ |
| Data Fetching | ✔ | ✔ |
| Balancing Classes | ✔ |  |
| Term Frequency | ✔ |  |
| Text Representation Analysis |  | ✔ |
| Classifier Design | ✔ |  |
| Classifier Optimisation |  | ✔ |
| Model Evaluation | ✔ |  |
| UI |  | ✔ |
| Report | ✔ | ✔ |
| Presentation Slides |  | ✔ |