

Facial Recognition System

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1 Project Overview

Facial recognition systems are important for various applications, including security, access control, and personalized user experiences. This project requires you to build an application that uses facial recognition techniques at its core. The emphasis is on developing an application using various software engineering principles, following the software development lifecycle. It's entirely up to you to devise innovative ways to apply those techniques to solve a problem.

At a higher level, your application should consist of:

1. A user-friendly interface with which a user can interact to avail the service your application is providing.
2. A backend to communicate with database.
3. A database to store the facial data.

Note: You do not need to implement the machine learning model for facial recognition; instead, utilize publicly available API calls for this purpose.

2 Requirement Analysis Deliverable

1. Analyzing Requirements
2. Prioritize Requirements
3. Identifying Quality Attributes