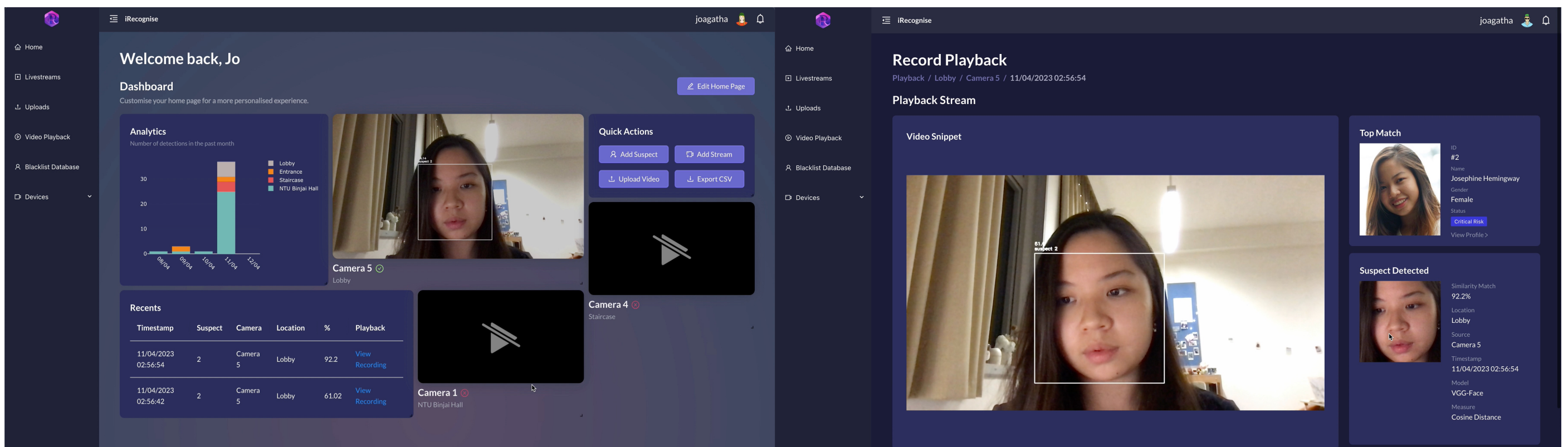


Face Recognition Web App

An all-in-one Deep Face-Recognition Surveillance System

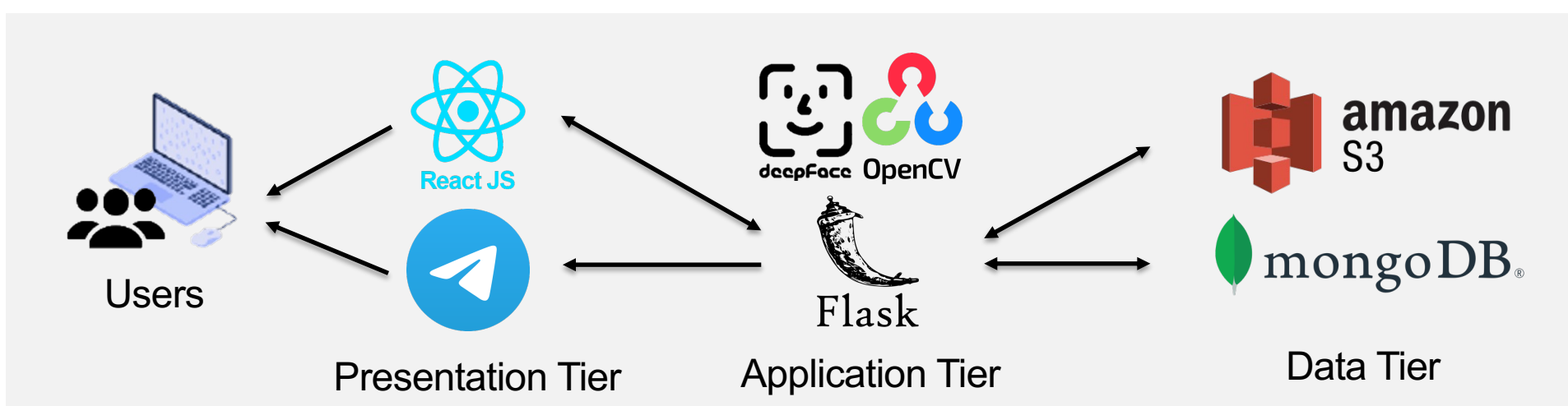
Student: Josephine Agatha Hemingway Supervisor: Lin Weisi



Project Objectives:

This project aims to create a **comprehensive** and **user-friendly** surveillance video management system, *iRecognise*. *iRecognise* employs state-of-the-art **deep facial recognition algorithms** to recognise registered blacklisted individuals in live and uploaded video footage, thereby enhancing security measures with the aid of artificial intelligence. The **real-time alerts** functionality further expedite the prompt dispatch of appropriate authorities for targeted intervention, and the **customisable** dashboard enables users to gather their prioritised views in one place.

Architecture:



Key Features:

- A **user-friendly interface** with a **customisable** dashboard and **interactive analytics**
- **Enrollment** of blacklisted individuals and their images
- **Real-time face recognition** in live streams from multiple IP cameras and uploaded videos
- **Real-time alerts** via Telegram Bot
- **Playback** of detection logs and **export** detections into a report
- **Cloud-based storage solutions** for **scalability**

