

A Crowd Management System

Design and Development

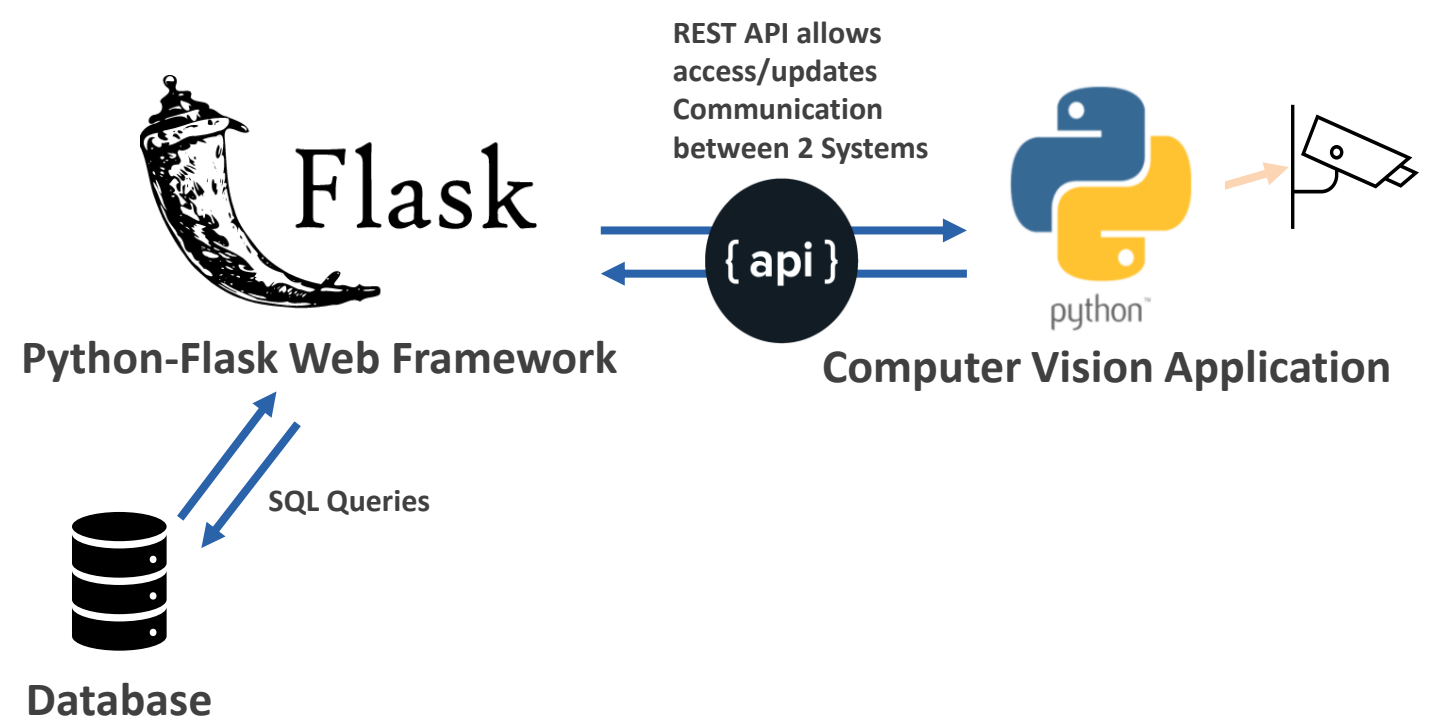
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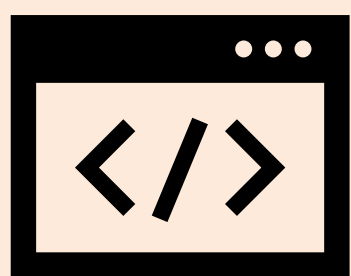
Project Objectives

This project aims to develop a Crowd Management System (CMS) which provides both the general public and operational staffs to view the real-time capacity statistics of a certain locality. Registered operational staffs such as the safe-distancing ambassadors are able to view the violations alerts that are triggered by a locality that violates safe distancing threshold.

Implementation

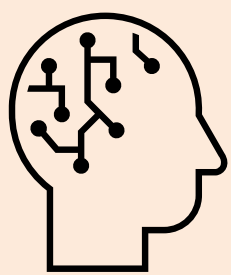


Core Features



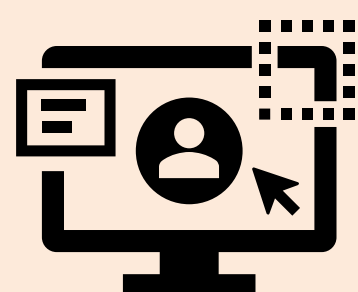
Web Application

Instant access to view crowd statistic for general public



Computer Vision AI

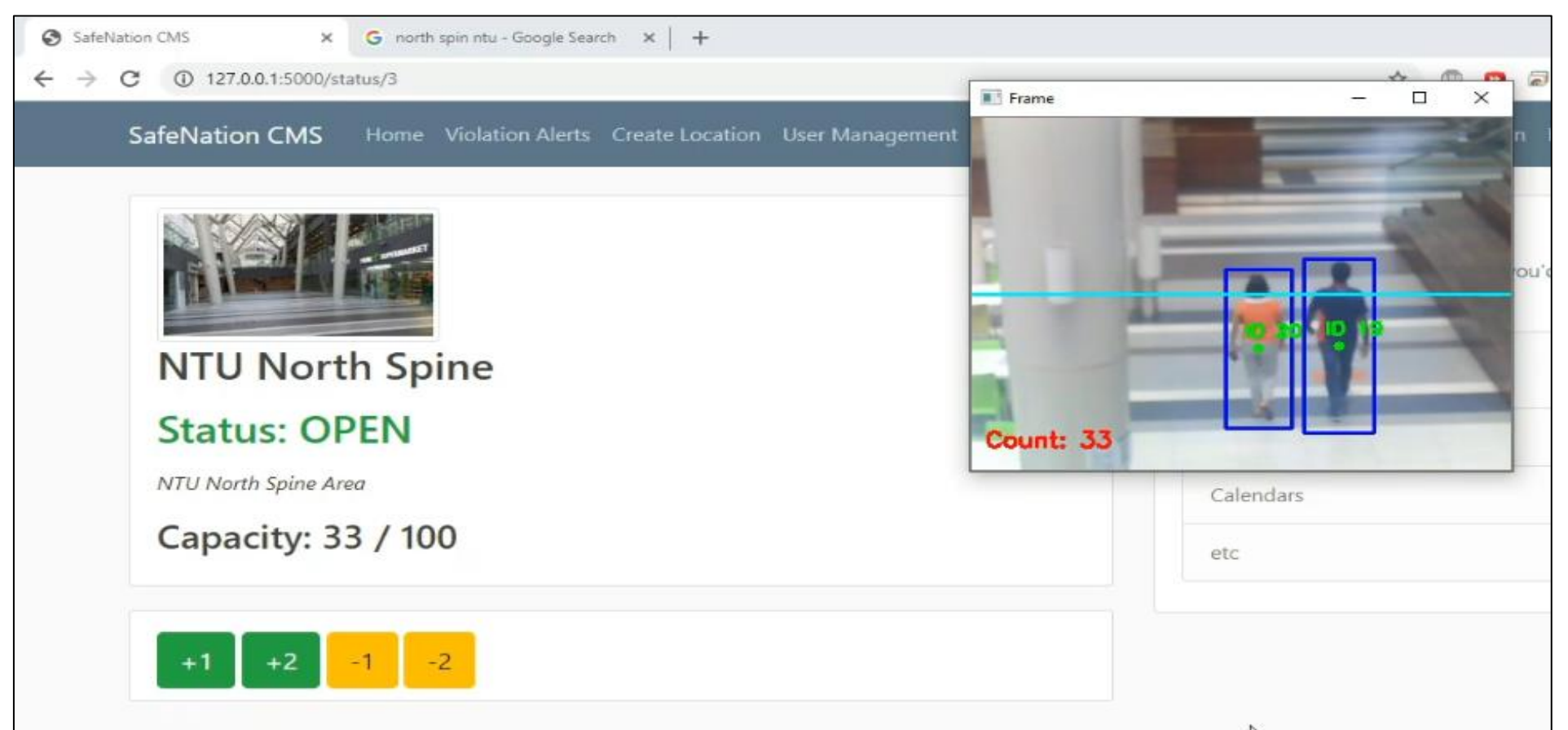
Sophisticated algorithm to identify and track each individual



Admin Features

Allows management to have the flexibility to CRUD site and specify capacity limit

People Counting



Safe Distancing Alert

