INTELLIGENT TRAFFIC LIGHT CONTROL SYSTEM

53 mins

a day in traffic

13 days

in a year

Ranked 5th in Southeast Asia

Problem Statement

Heavy Traffic Congestion

Severe traffic jam on the road at peak hour due to ineffective traffic lights.

Loss in productivity

An average working class people spend 53 minutes in a jam every day.

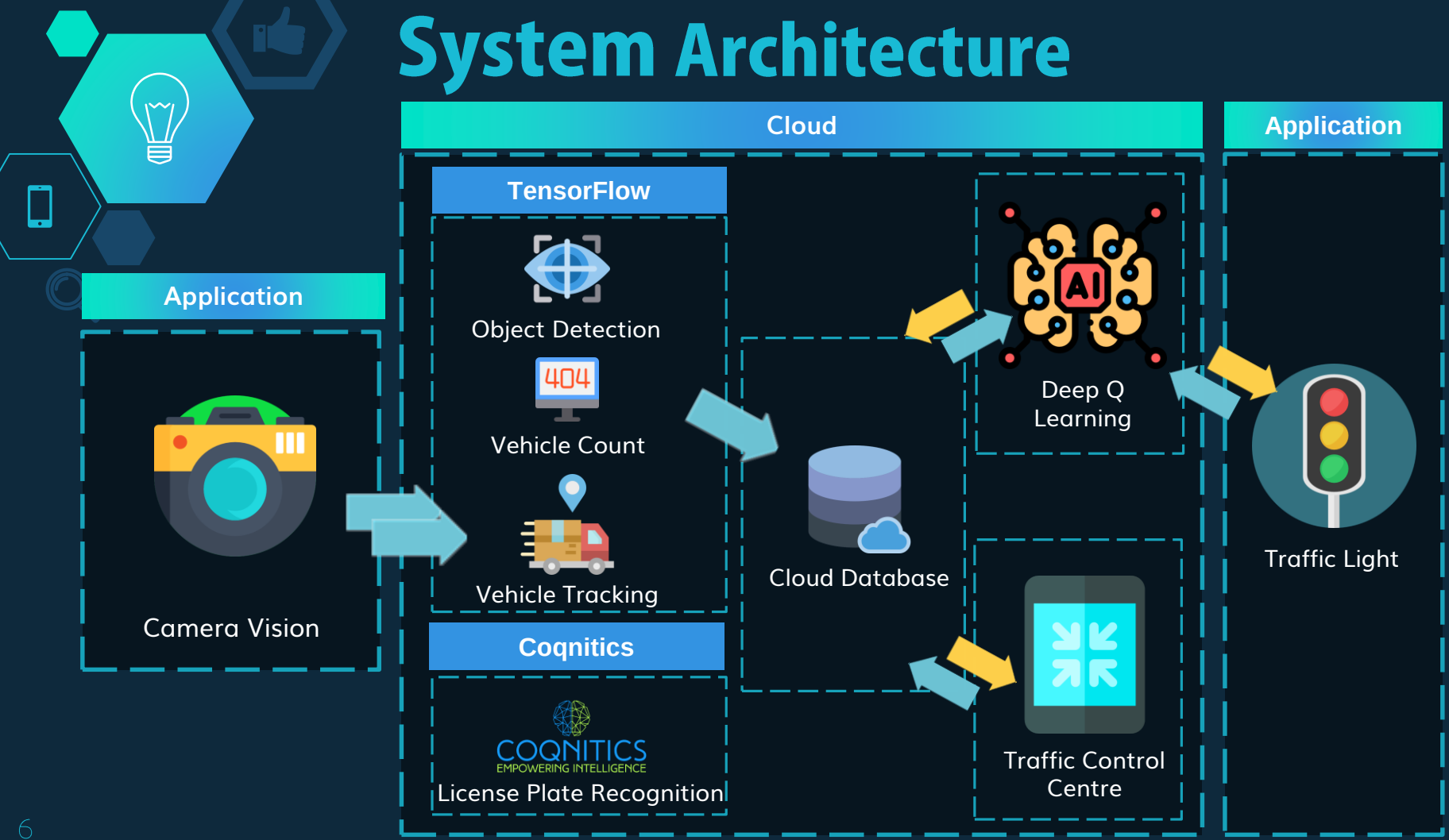
Excessive greenhouse gas emission

Longer travelling time, more exhaust gas emission.

Intelligent Traffic Light Control System

In order to reduce traffic congestion problem in Malaysia, we developed a smart traffic light system that uses machine vision to monitor real-time road situation and dynamically control the traffic signal using machine learning algorithm.

System Architecture



Benefits

- Effective and efficient traffic management
- Emergency management
- Traffic prediction

MYNT

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Experienced in artificial intelligence development especially machine learning.

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Experienced in image processing using artificial intelligence.

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Experienced in traffic simulation using SUMO and IoT.