

Raspberry Pi - GUI

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System Demonstration

https://youtu.be/T_mWrRSGokw

GitHub

<https://github.com/Kushan-Nilanga/SIT210-Task5.2C-RPiGUI->

Real-life scenarios

Pedestrian Crossing System

With a little bit of logic and algorithm development, we can convert this program to be used as a pedestrian crossing system. We can use a timer to stop the vehicles and trigger pedestrian lights

Remotely Controllable Light System

We can use this to create a centrally controllable light system by using raspberry pi as the control module and light bulbs paired with a suitable transistor.