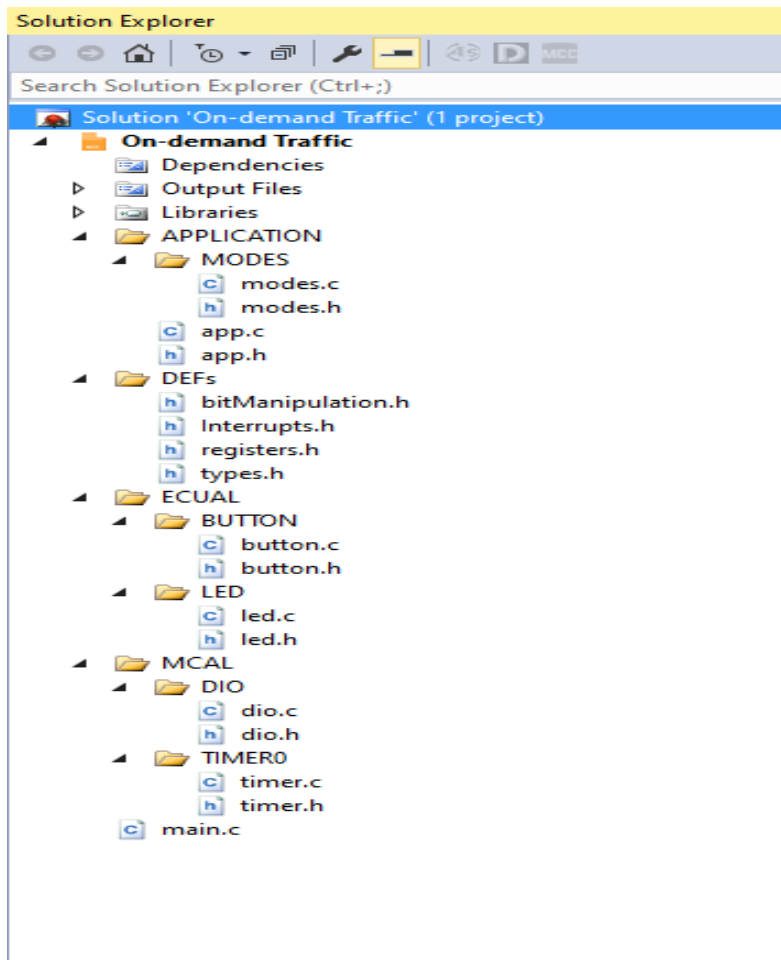


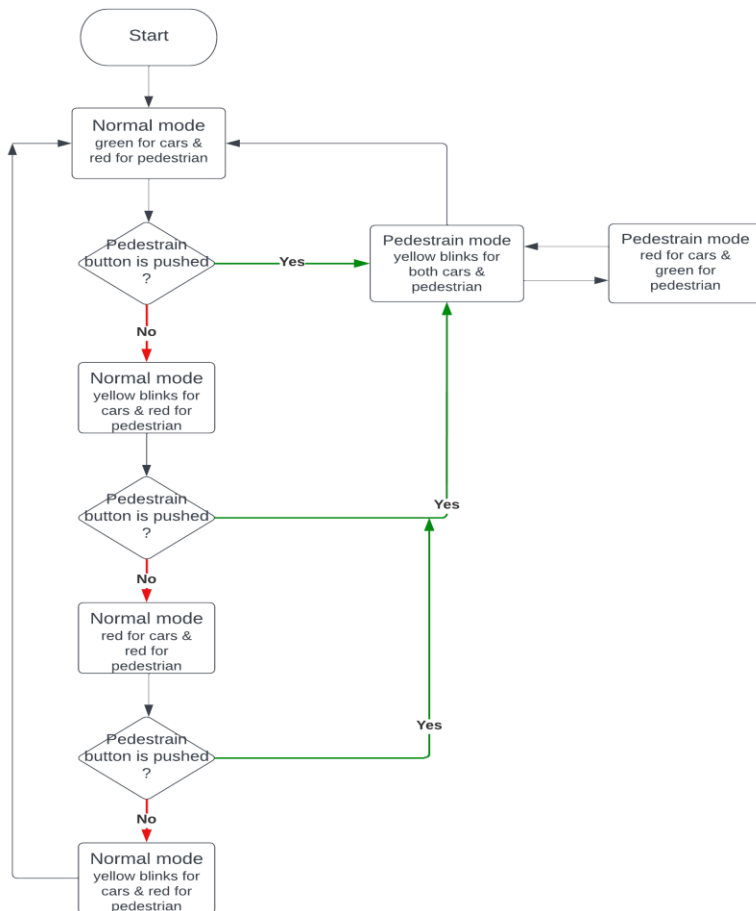
1. System description

This system has two modes: normal mode & pedestrian mode. Pedestrian mode is on when the pedestrian button is pressed. In normal mode, the red light is always on for pedestrian but for cars, the green light is initially on then the yellow light for cars blinks then red light is on for cars. In pedestrian mode, as soon as the button is pressed the yellow light for both cars & pedestrian blinks then green light is on for pedestrian and red light is on for cars after that the yellow light for both cars & pedestrian blinks again the new are back to the normal mode.

2. System design



3. System flowchart



4. System restrictions

Each light is on only for 5 seconds