Lights On demand Alaa Ahmed Eid | October 12, 2022 Start Start App Normal Mode Interrupt pressed button Pressed when Pressed when Red Normal Mode green/yellow Yes yes 1. Cars' LEDs will be changed the pedestrian Red LED every five seconds starting will be on then both Yellow the pedestrian's Green LED from Green then yellow LEDs start to blink for five and the cars' Red LEDs will seconds, then the cars' then red then yellow then be on for five seconds, this Red LED and pedestrian means that pedestrians can Green. Green LEDs are on for five cross the street while the 2. The Yellow LED will blink seconds, this means that pedestrian's Green LED is on. for five seconds before pedestrian must wait until moving to Green or Red the Green LED is on. **LEDs** 1. At the end of the two states, the cars' Red LED will be off and both Yellow LEDs start blinking for 5 seconds and the pedestrian's Green LED is still on. 2. After the five seconds the pedestrian Green LED will be off and both the pedestrian Red LED and the cars' Green LED will be on. Stop