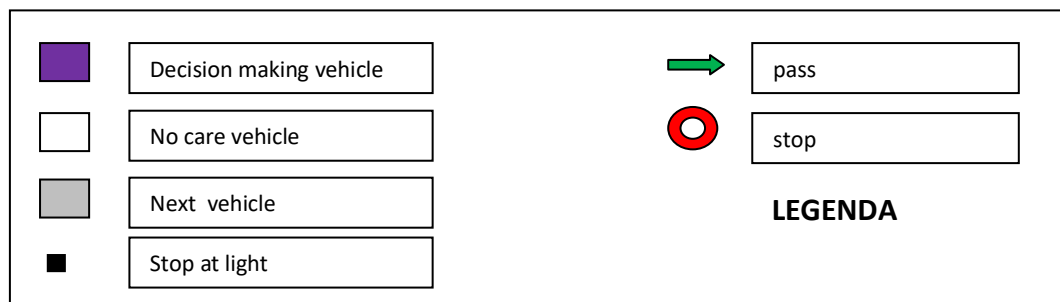
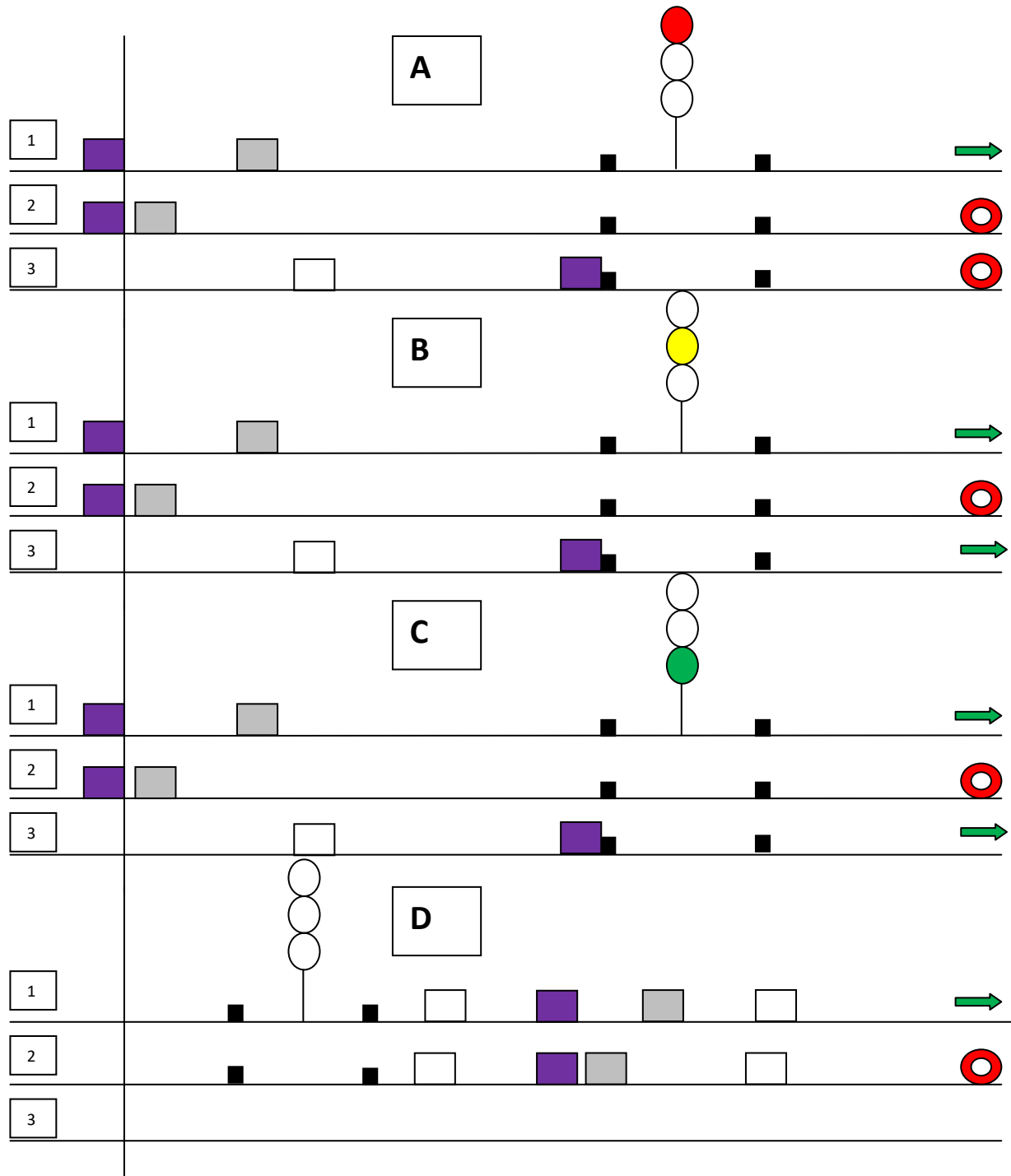


The diagram illustrates a smart city architecture with three main layers:

- Top Layer (Sensors/Actuators):** Includes counter-1, counter-2, traffic light, pedestrian light, and pedestrian button. These are connected to a central **can bus**.
- Middle Layer (Network):** A **wifi** network connects various **vehicle** nodes and a **SATELITE** node. The **Scheduler Cross-host** acts as a central hub connecting the can bus to the wifi network.
- Bottom Layer (Infrastructure):** A **GPS** network connects the **vehicle** nodes and the **SATELITE** node.



Decision making process for a vehicle approaching to a traffic lamp.