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On-demand Traffic light control project

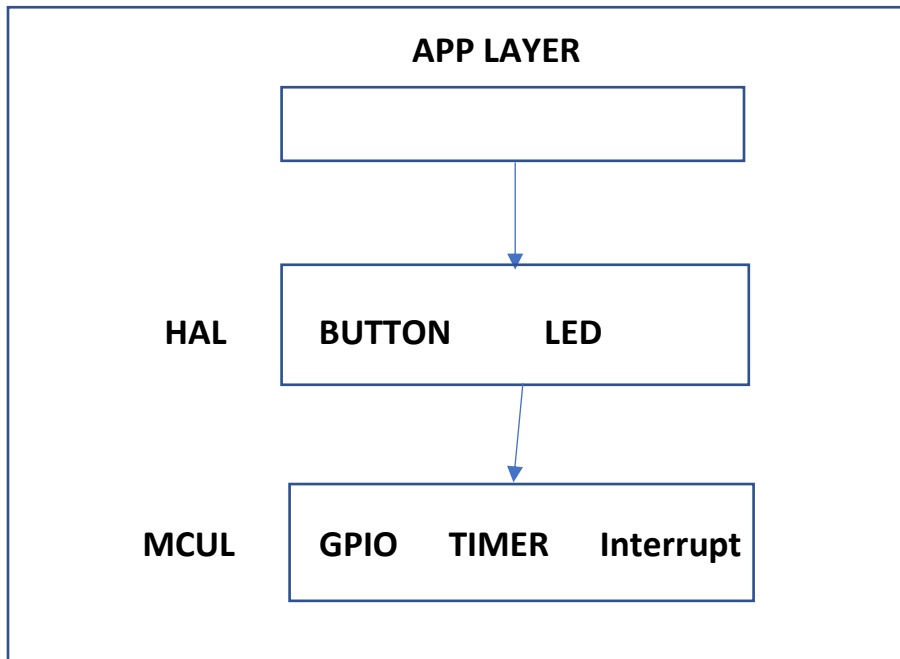
NAME	مؤمن أحمد فتحي عبد المؤمن
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1- System description:

Traffic light control project aims to help pedestrians to cross the street and they are prioritized over the cars as in some countries, So, if some of the pedestrians want to cross the street, he just can press on some button and wait for the green led to illuminate and cross the street safely.

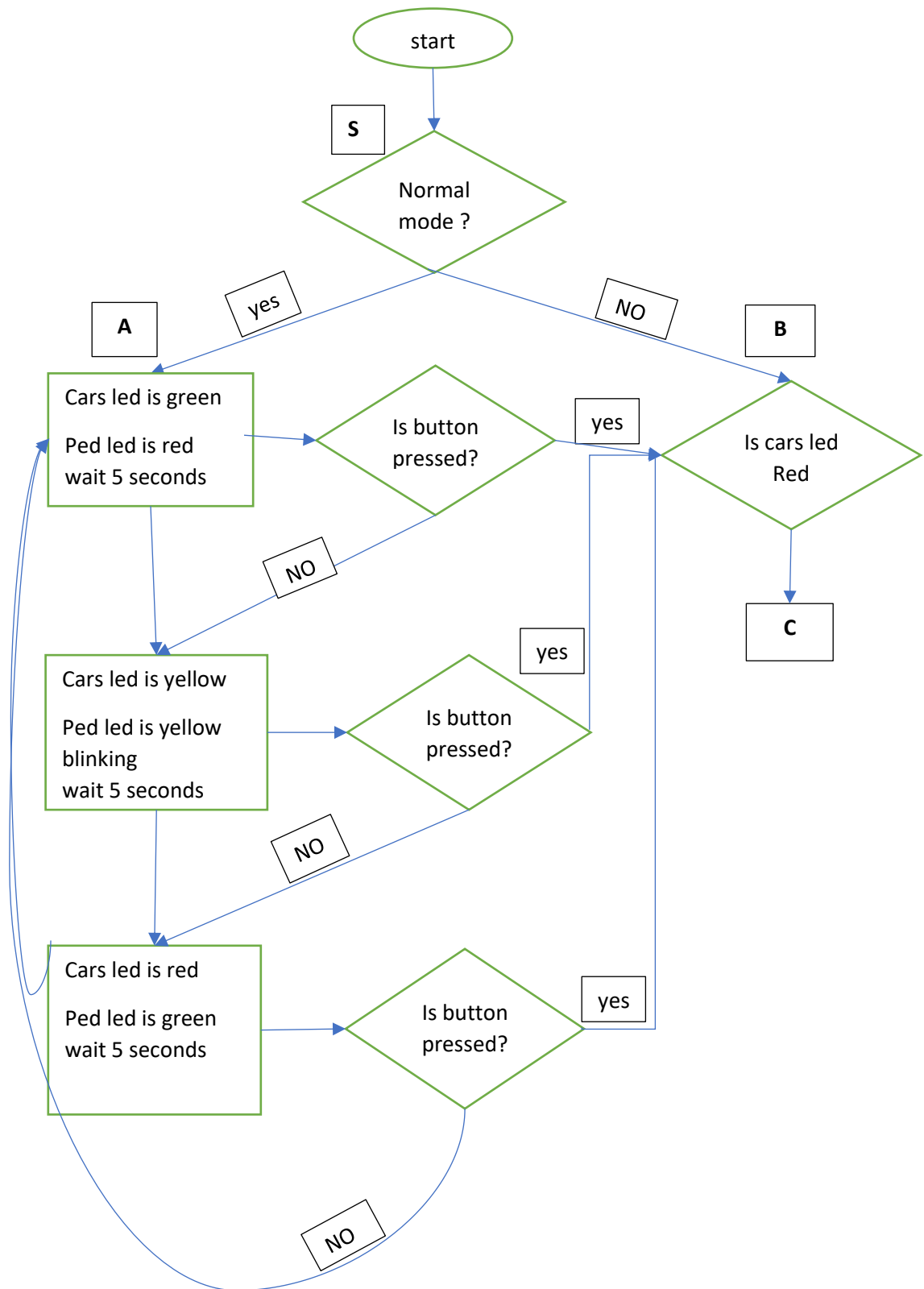
2- System design:

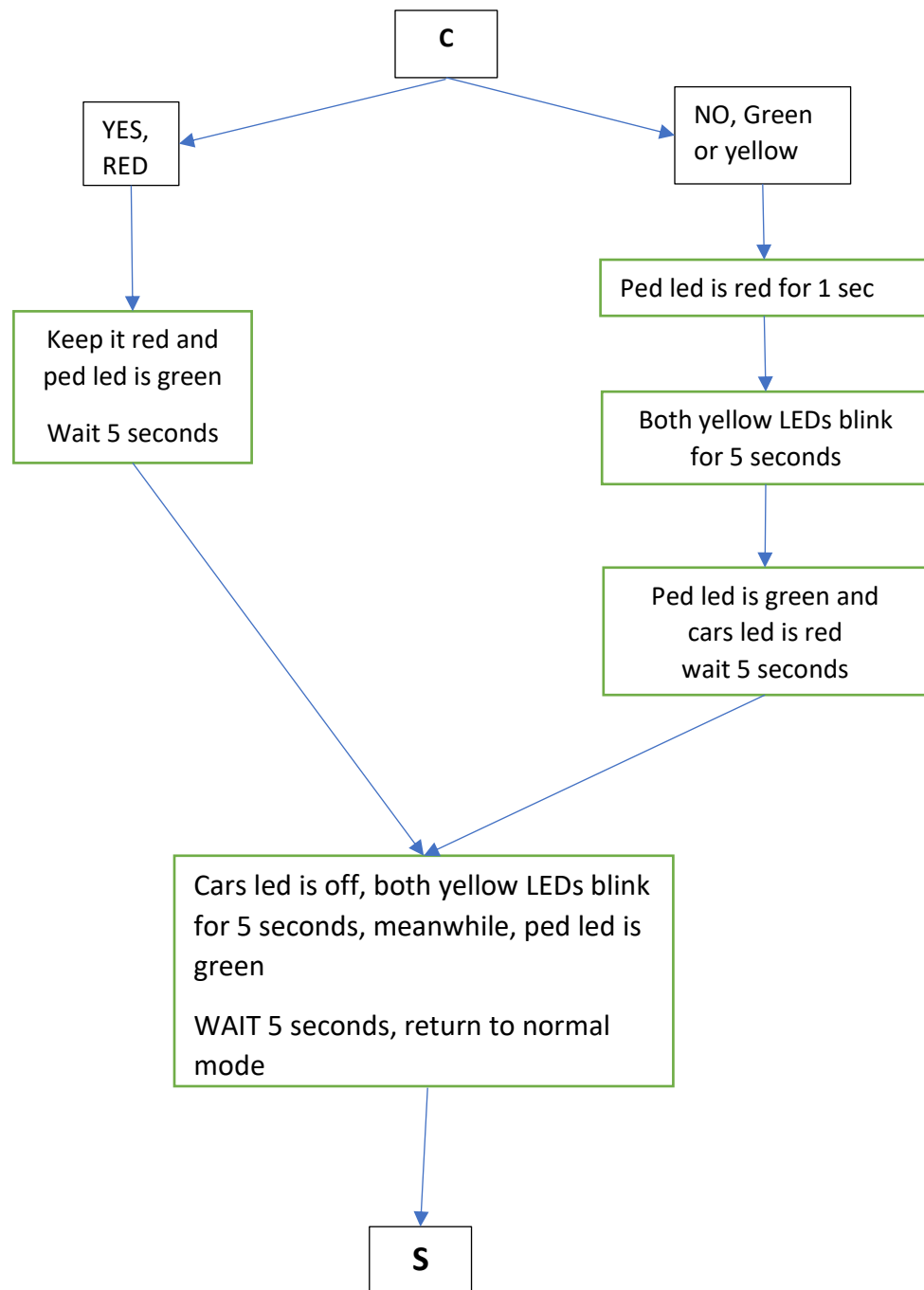
This system will follow layered architecture model



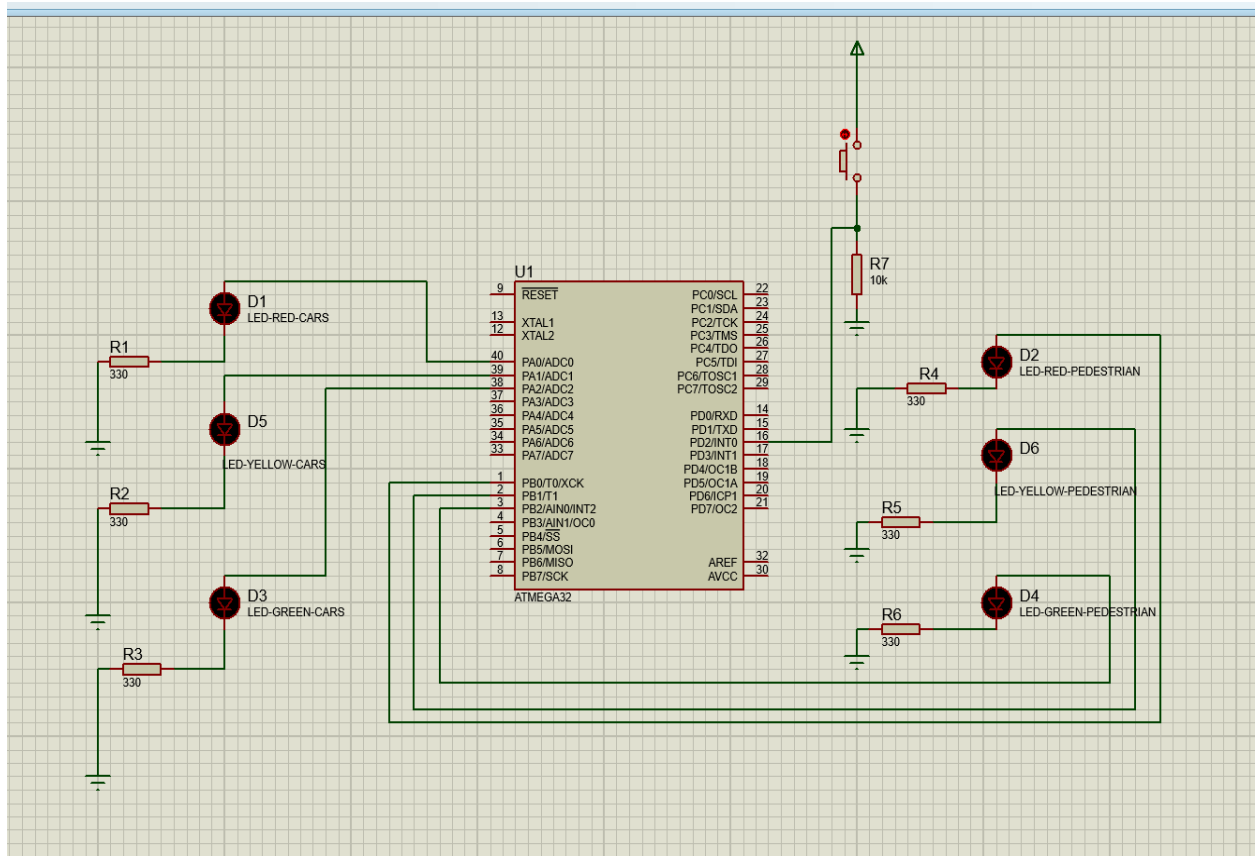
Each layer functions can only call functions of its lower layer.

3- System flow Chart





Schematic:



Project files:

