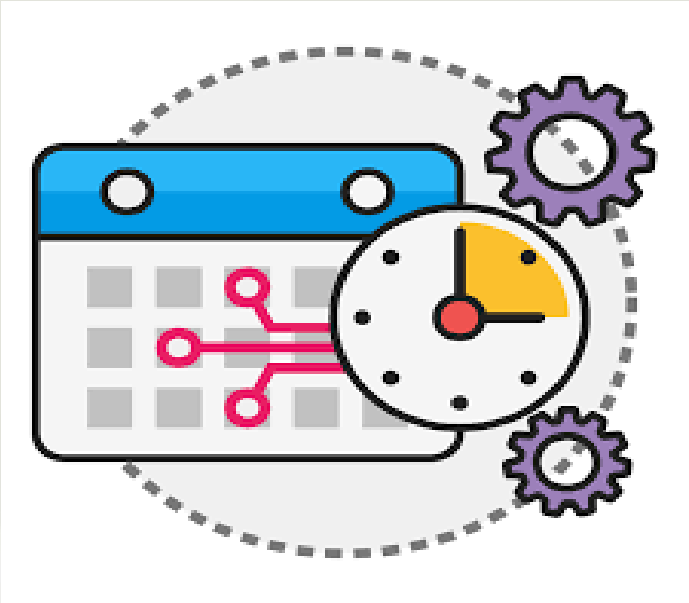
Sprints

Small operating system scheduler (SOS)

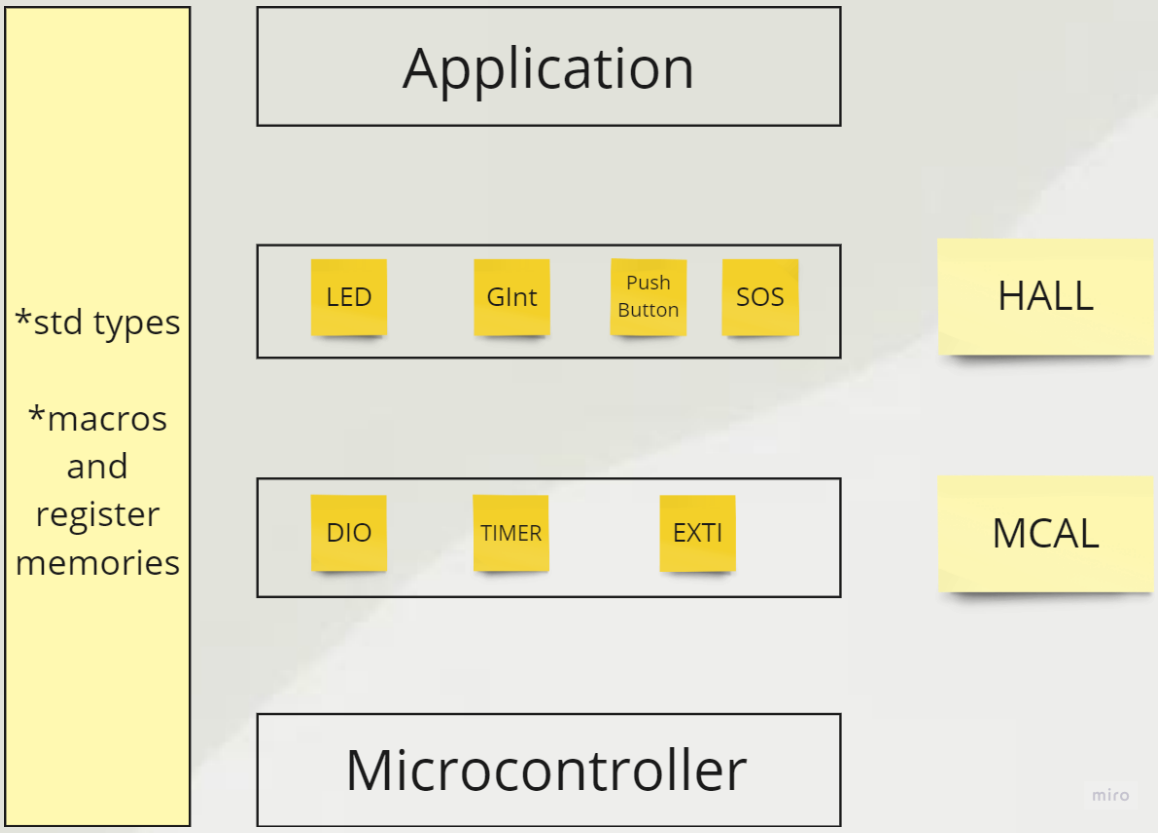


By: Nada Abdelazim

Sprints

HIGH LEVEL DESIGN

Layered architecture



Layers description:

(1)- Application layer:

Contains functions calls to implement the main project.

(2)- HAL:

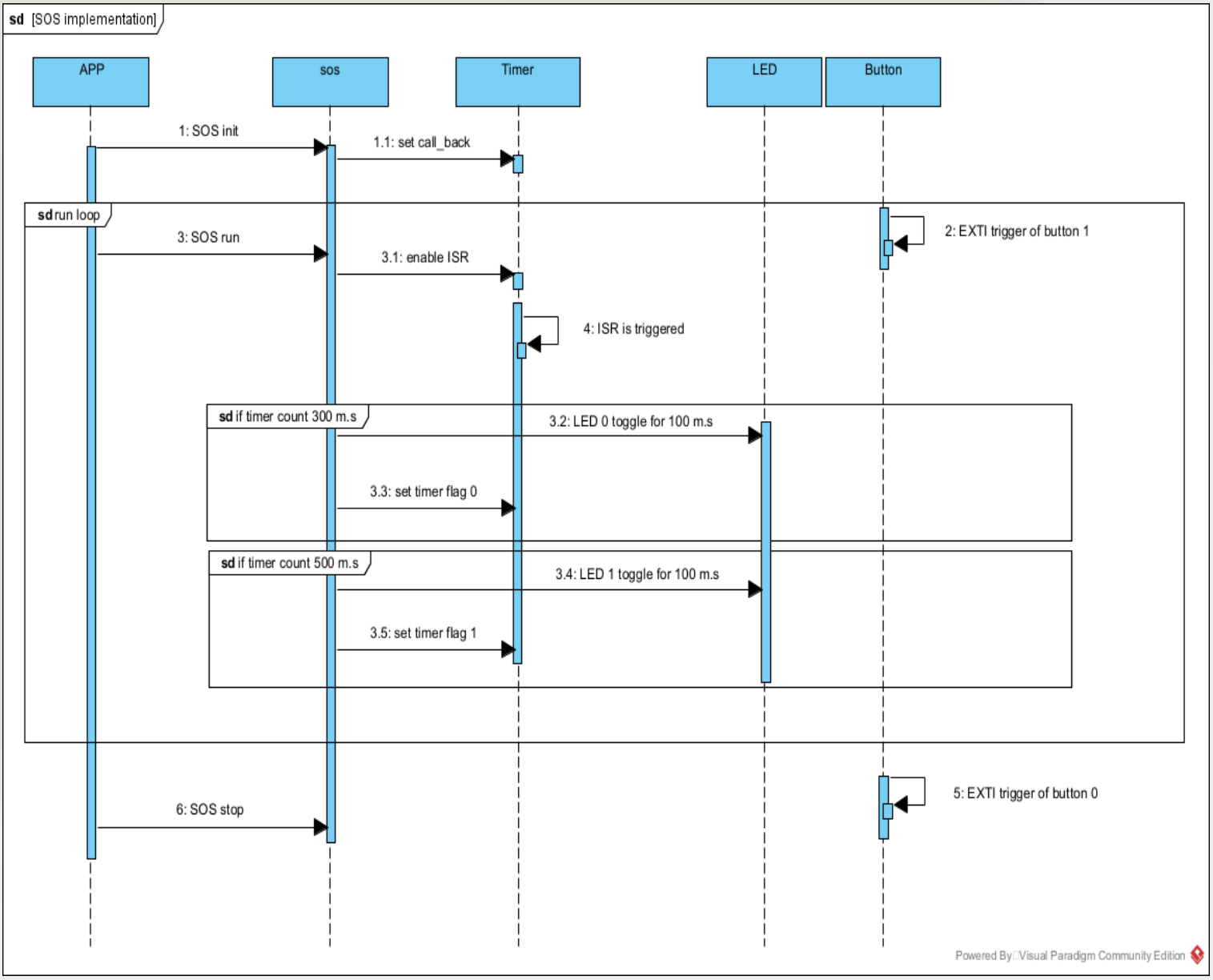
Contains Drivers of the external electronic devices which will be connected to the microcontroller and the system overall.

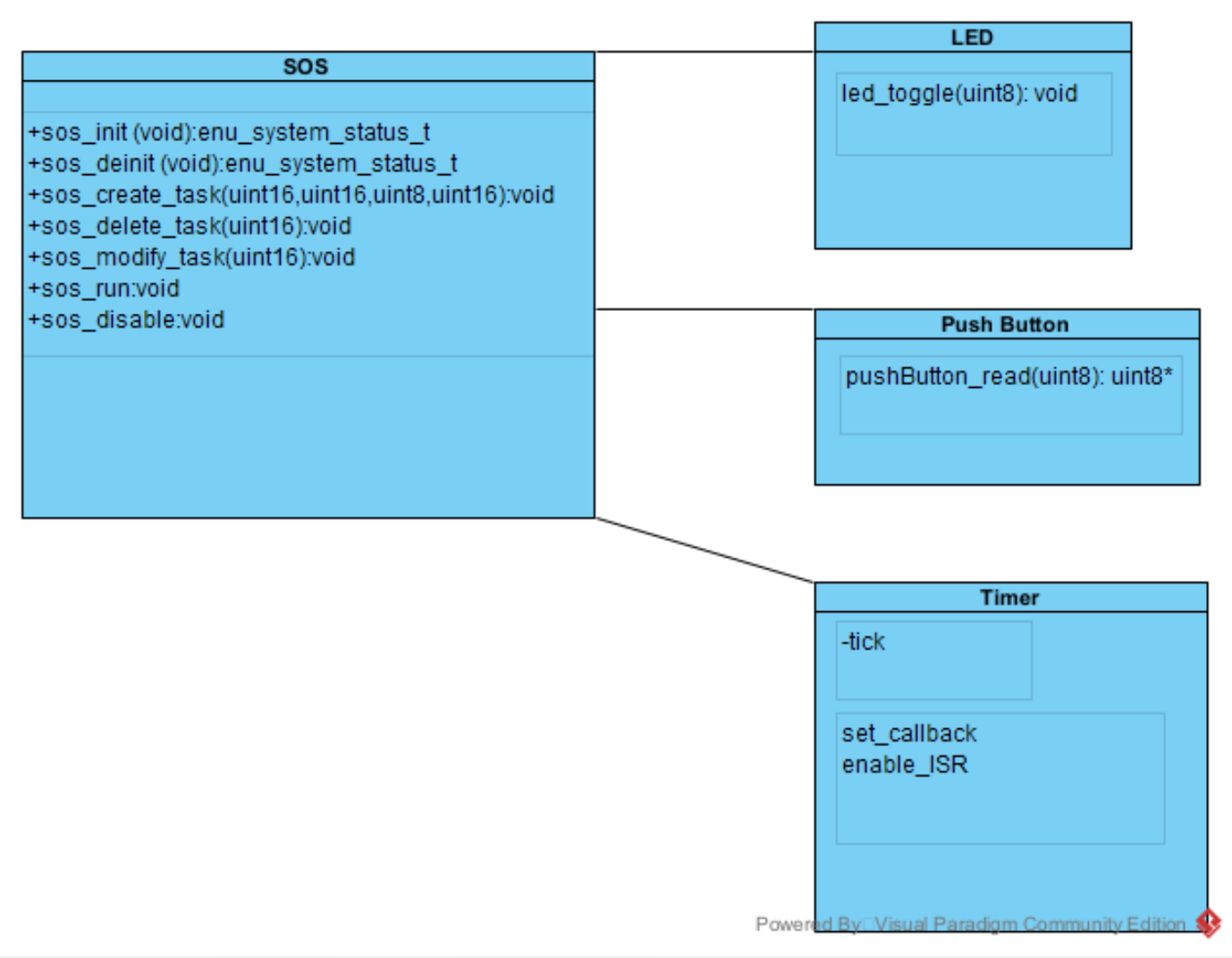
(3)-MCAL: “Microcontroller Abstraction Layer”

Contains interfaces of the microcontroller’s peripherals.

Sprints

Sequence diagram for application



Sprints

Class diagram for SOS