

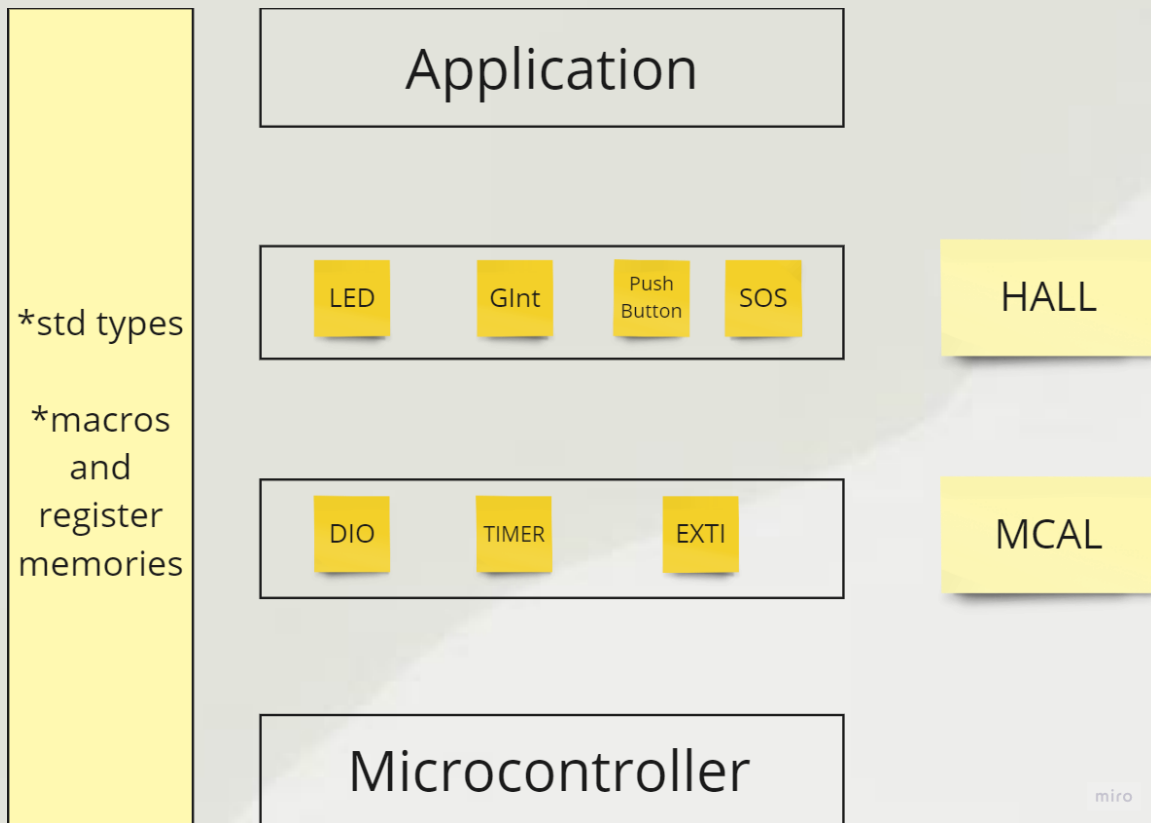
Small operating system scheduler (SOS)



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HIGH LEVEL DESIGN

Layered architecture



Layers description:

(1)- Application layer:

Contains functions calls to implement the main project.

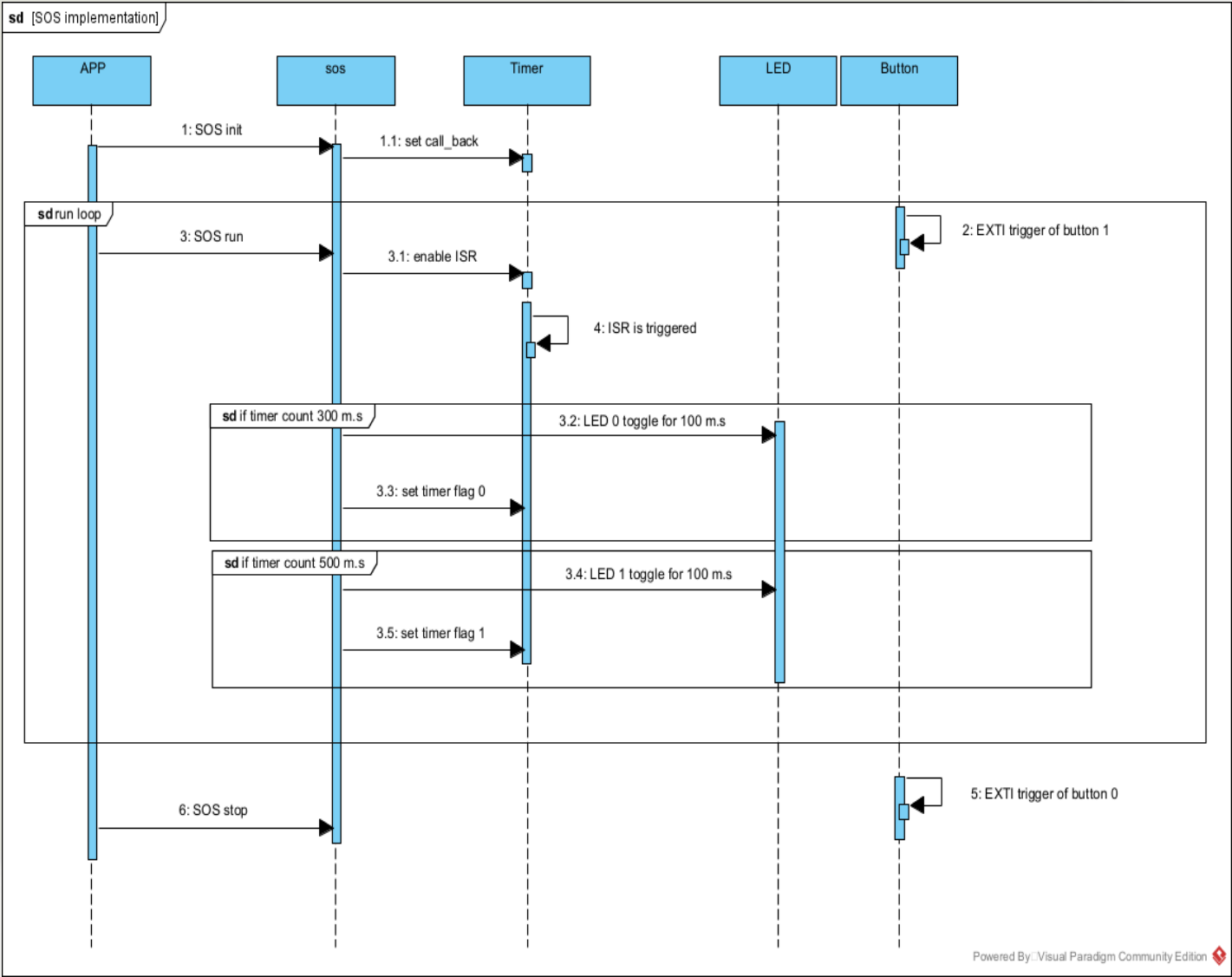
(2)- HAL:

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.

Sequence diagram for application



Class diagram for SOS

