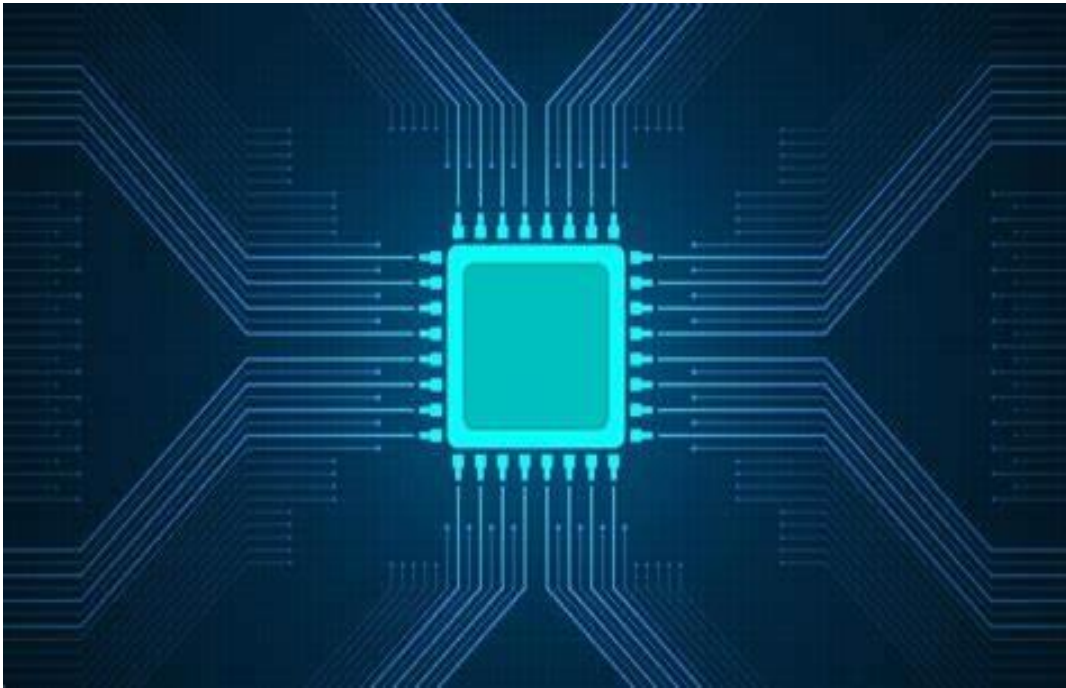


SOS



Prepared By:

Anas Mahmoud Gamal

Team2

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1-Introduction

An operating system (OS) is system software that manages computer hardware and software resources, and provides common services for computer programs.

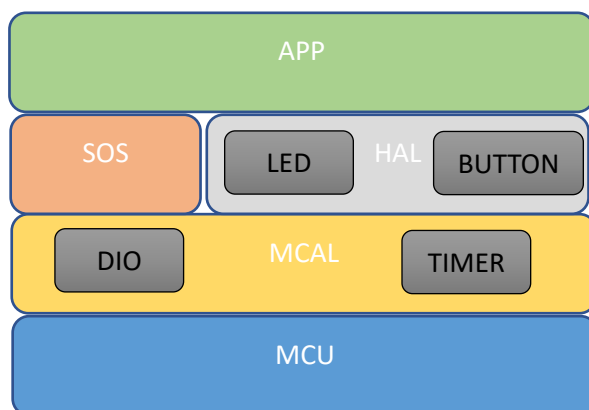
Time-sharing operating systems schedule tasks for efficient use of the system and may also include accounting software for cost allocation of processor time, mass storage, printing, and other resources.

And we will design small operating system (SOS)

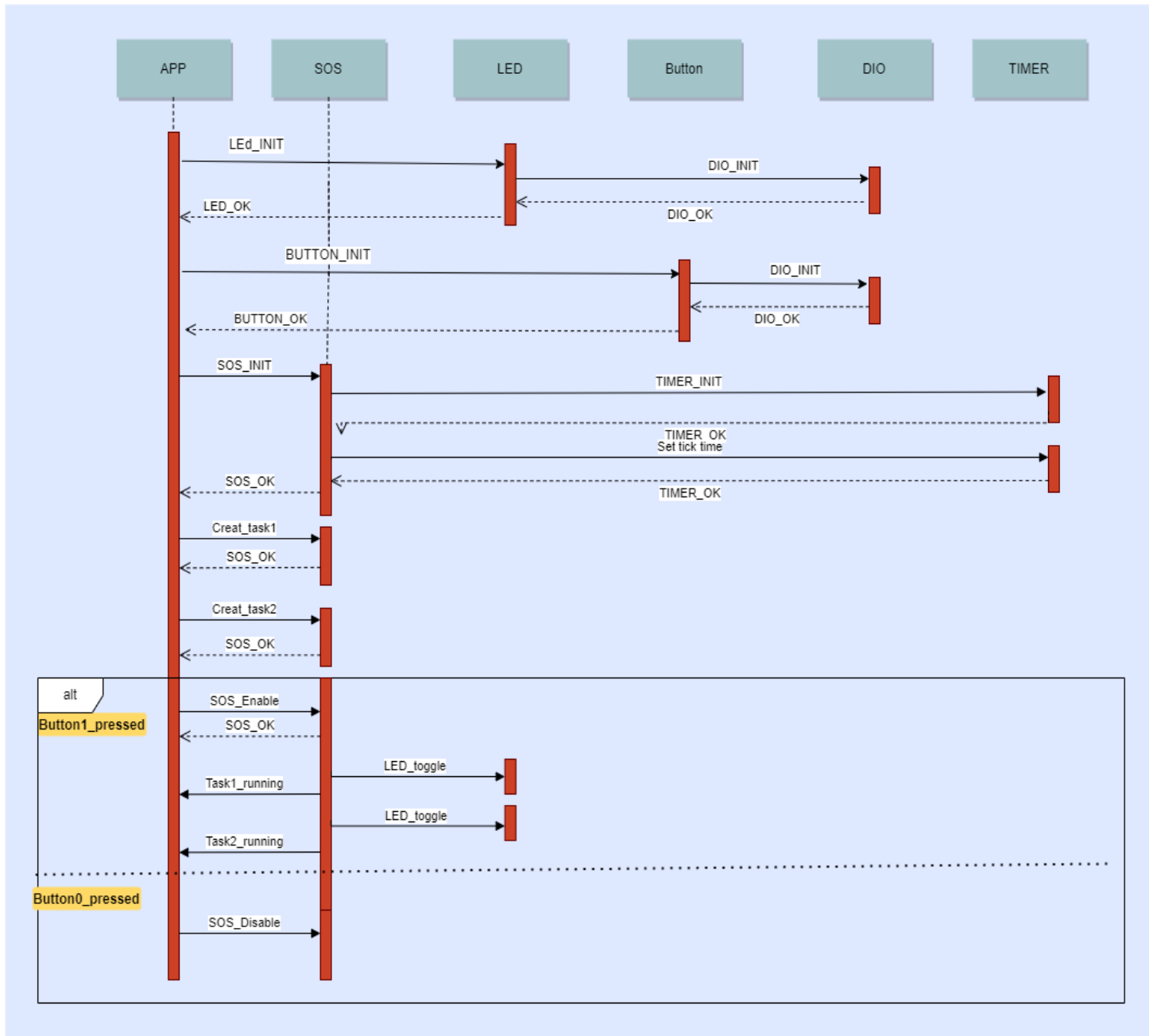
Project component

- Microcontroller (ATMEGA32)
- 2LEDs
- 2 BUTTONs

2-Layered Architecture



3-Sequence Diagram



4- State Machine

