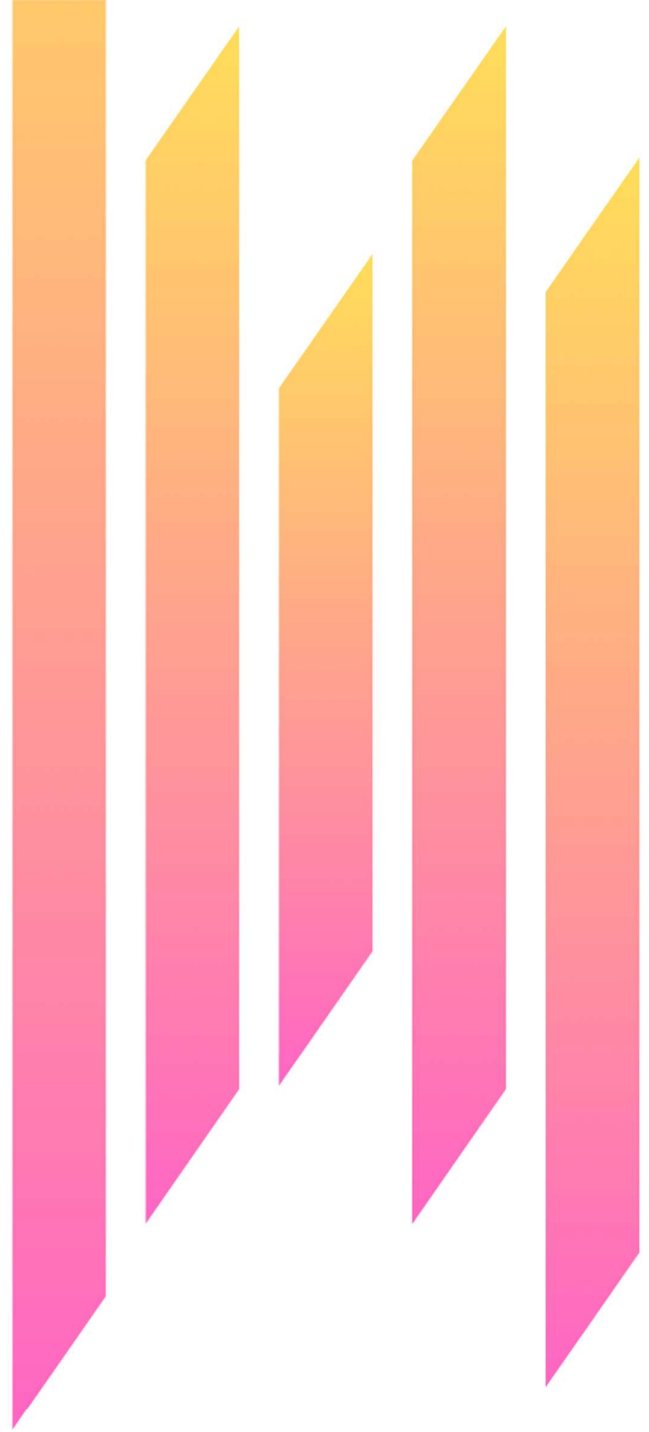


DIGITAL COUNTER

Logic Circuit CCE301



Prepared by:

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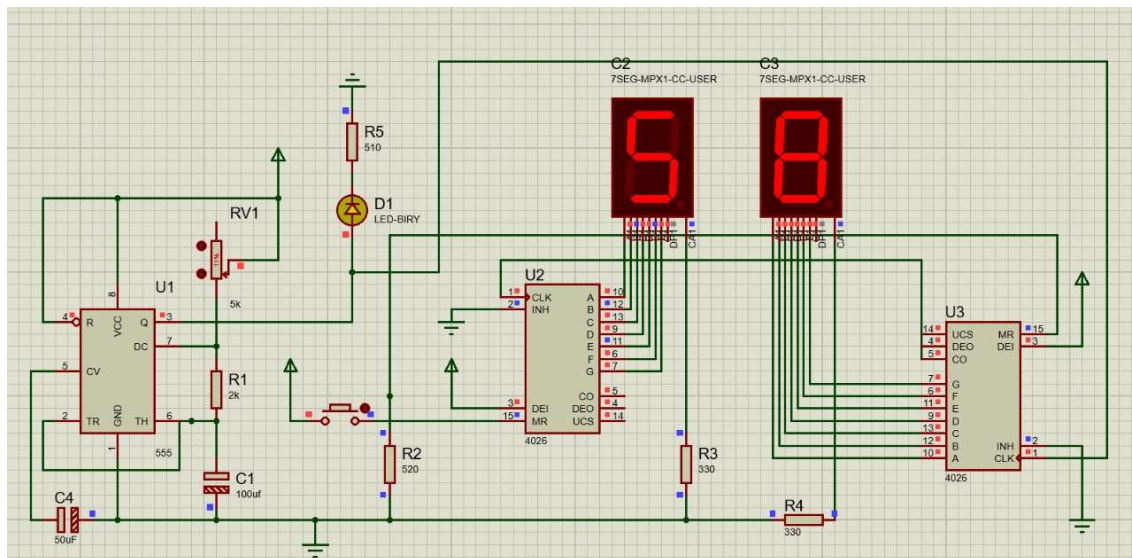
**UNDER SUPERVISION OF:
DR.MAHER ABDELRASOUL**

Introduction

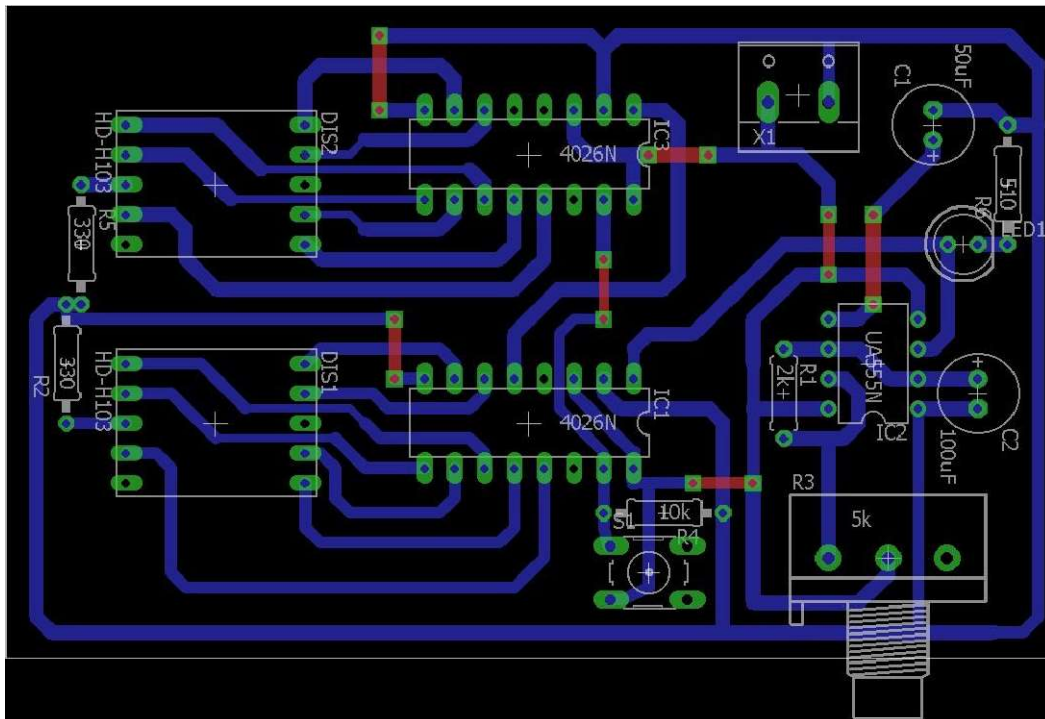
Digital counters are a crucial part of modern technology. They are like the brains of electronic circuits that help with things like keeping time and processing data. Sequential logic circuits require digital counters as a fundamental component. We'll look at building a two-digit counter, learning about the various integrated circuits (ICs) we'll be utilizing, and implementing the circuit on Proteus and in real life.

Practical work

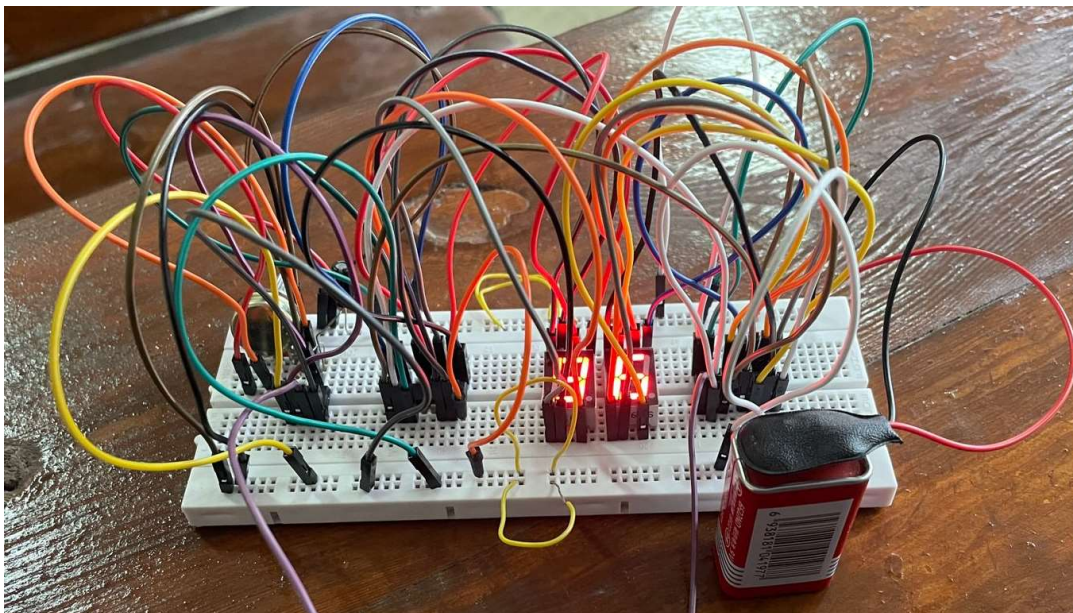
Schematics Design in proteus



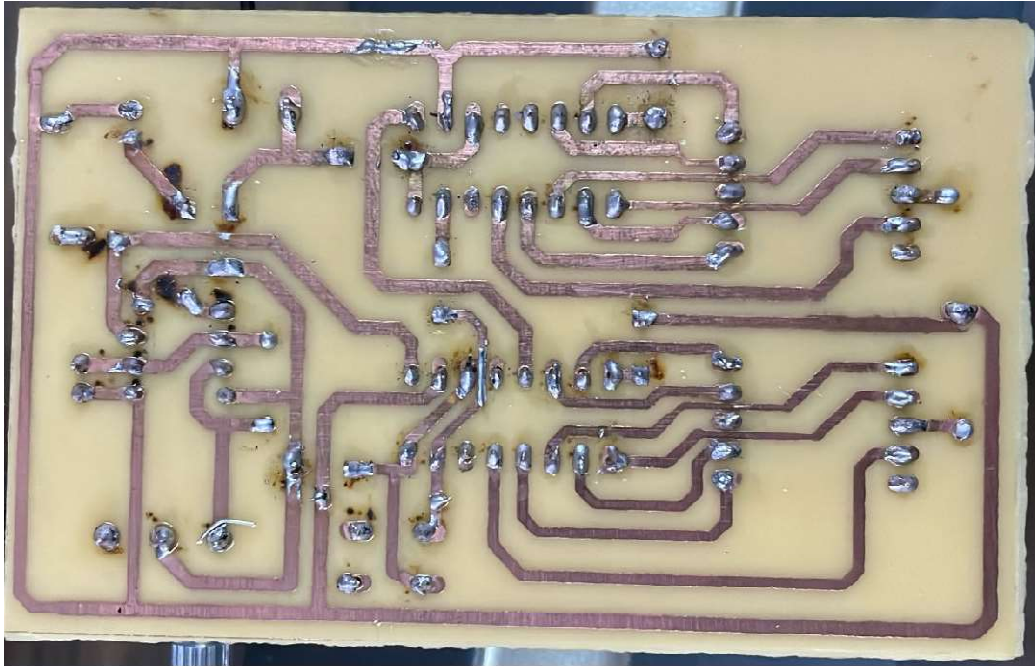
PCB layout in proteus



Breadboard of Design



In real life PCB



Final Product

