Lab 6

ECE 3300 LAB

SECTION 02

Instructor: Mohamed Aly

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Group I

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**Abstract**

Purpose of the experiment was to reuse previous lab code into a modified version. Every single BCD digit will have an input, which in turn would be taken into a multiplexer connected to four switches .Three bit would be used to control the selections of what would be going inside the injection mode. One button would be the load which will stop and control direction it will be filled in. Unreleasing the load will make the counter 0 and redo the counting depending on the enable.

**Theory: Sketch of Design**

A piece of paper with writing on it

Description automatically generated with medium confidence

**Area/Resources Information**

Elaborated Design

Chart, waterfall chart

Description automatically generated

**Power Usage**

**Chart, waterfall chart

Description automatically generated**

**Post-Implementation Resource Utilization**

