

# **Simplified Debit Card Reader Machine**

## **Lab Assignment # 4**

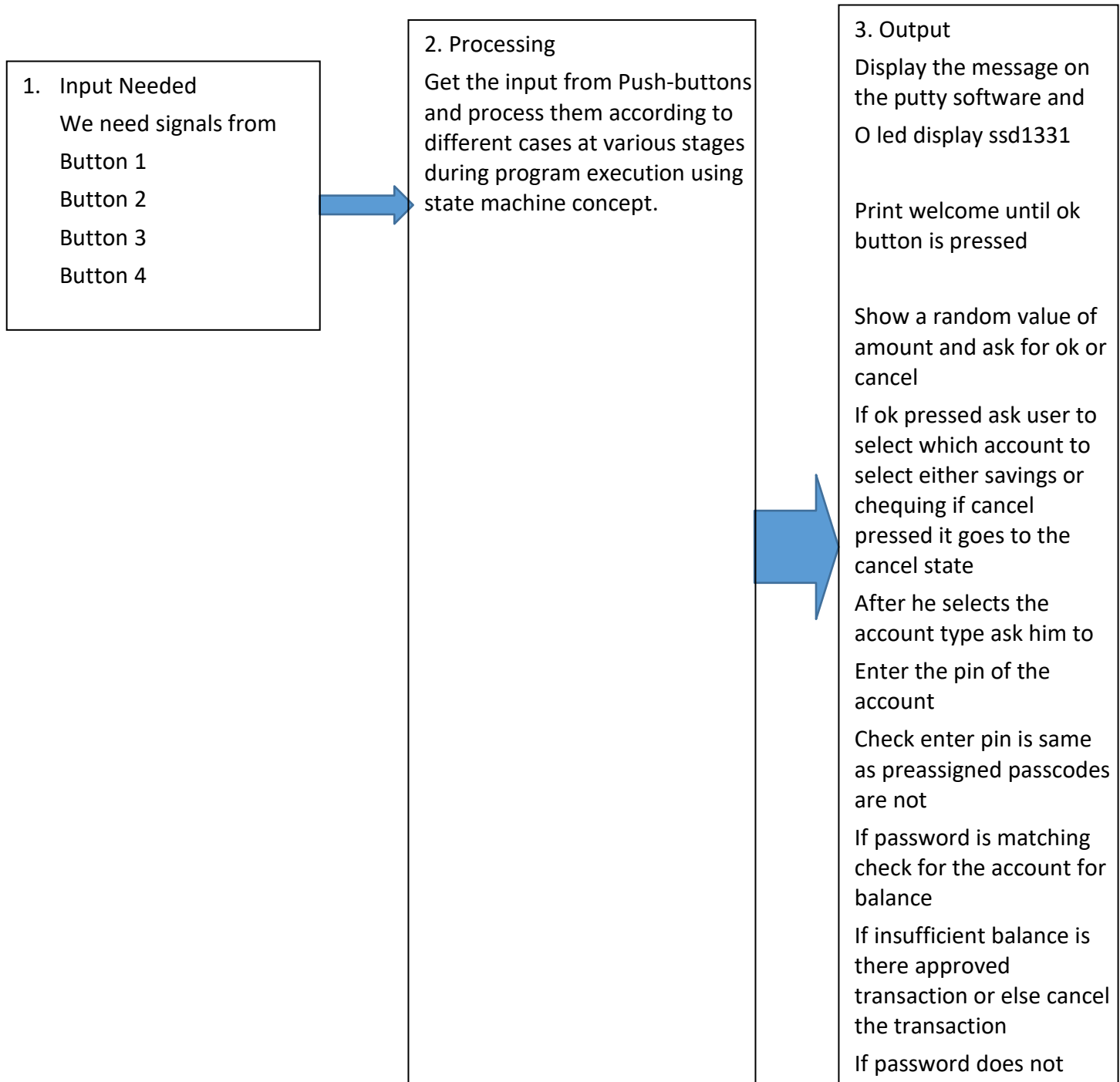
Name of authors : chalumuri sai Kishore ,kasina vizia vidya sagar

Subject: embedded systems and development

Class: Section 1

**Step 1:**

Identify and break down elements needed for the solution into three areas:



**Step 2**

Identify what you don't know or know how to do.

How to read input from push button using debounce concept

How to go into different states when button is pressed

The pin pa5 and pa6 are not giving output with push button

**Step 3:**

Find out/figure out what you don't know or know how to do.

The input from the push button is read by creating debounce source file and header file

State machine is designed by using switch case using transaction state as argument in

Since the PA5 AND PA6 are not working we are using pushbutton for PA8 AND PA7 is selected the ports are not working because has a connection that need to be unsoldered

