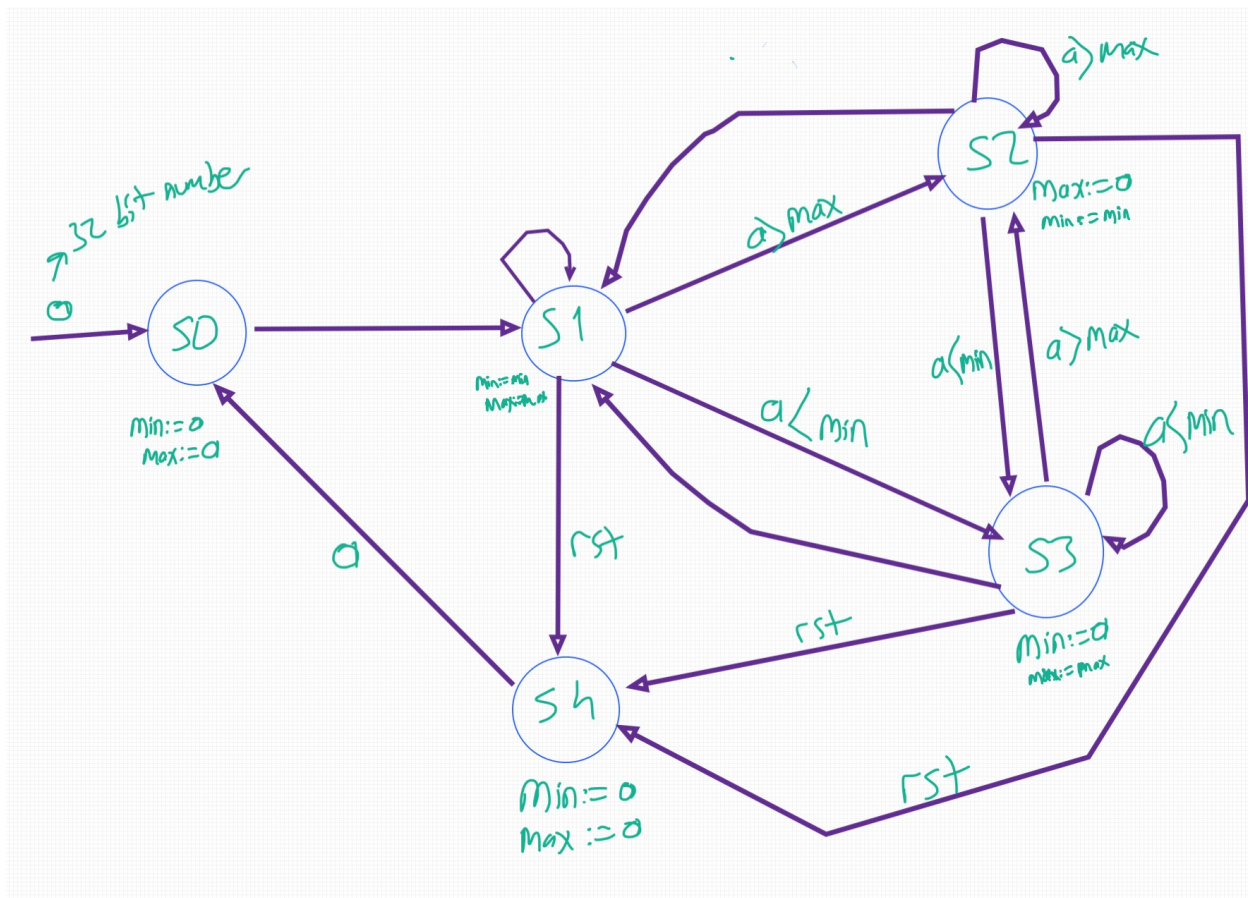**Student Name:Bilal Tekin**

Student ID:2017400264

CMPE 240 Experiment 6 Preliminary Work
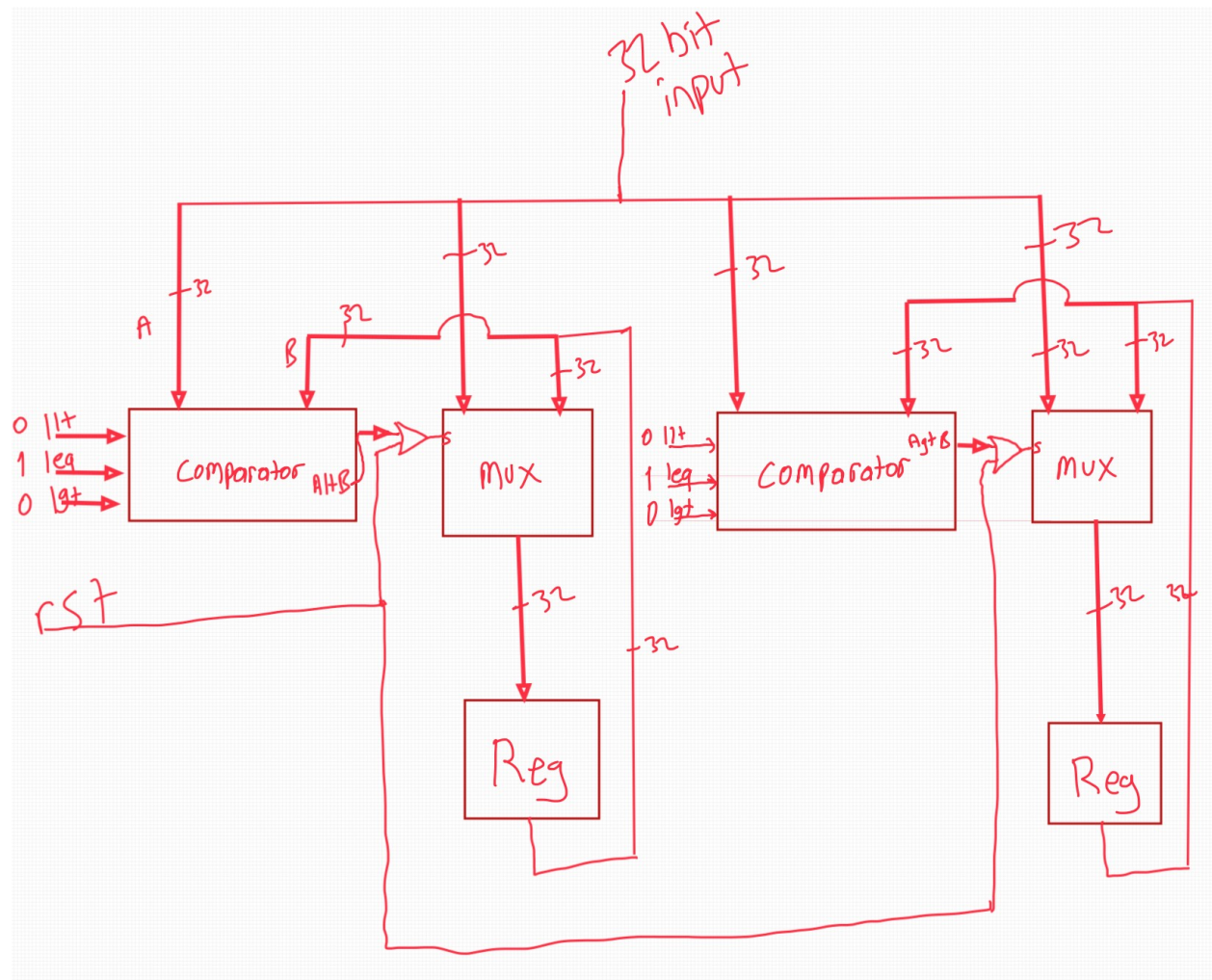
Step 1: Capture a High Level State Machine

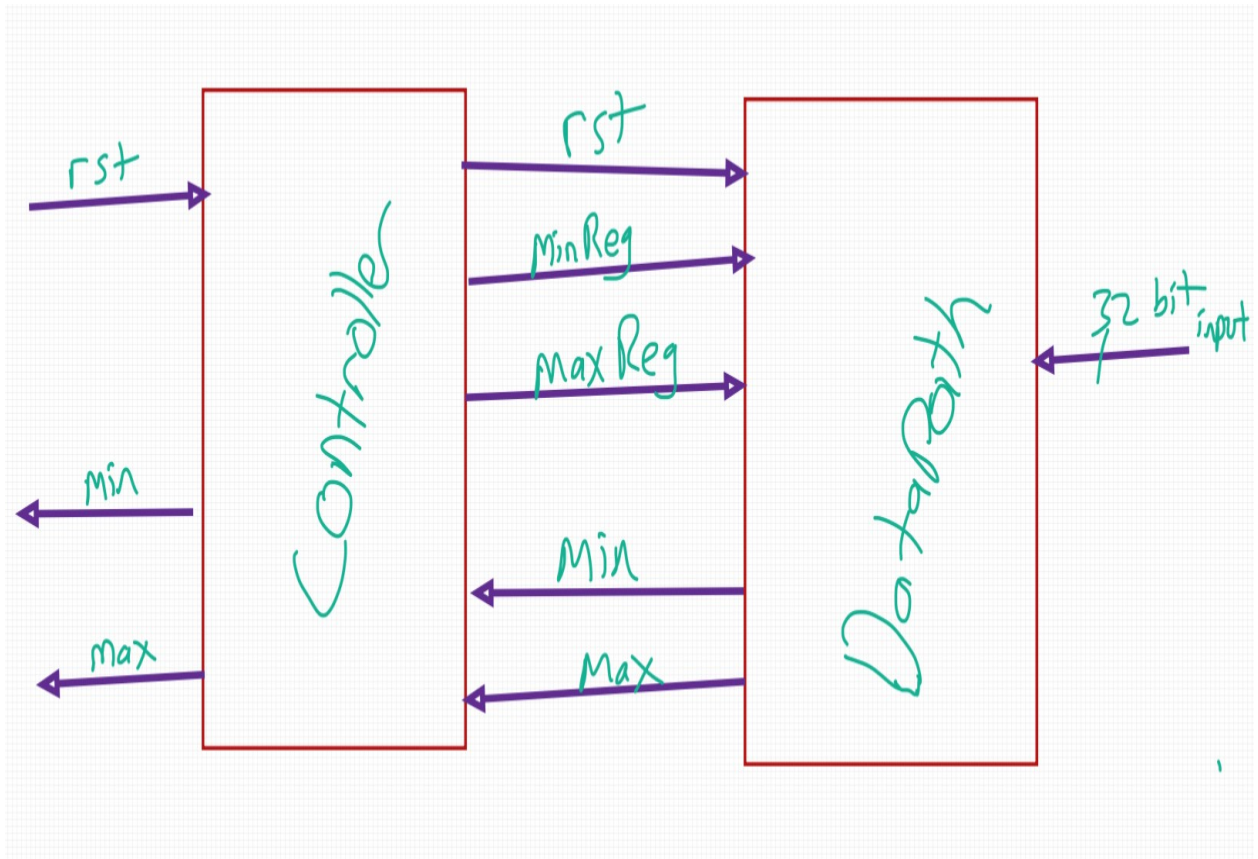**Student Name:Bilal Tekin**

Student ID:2017400264

Step 2: Construct a Datapath

Student Name:Bilal Tekin

Student ID:2017400264

Step 3: Connect the Dataptah to a Controller

Student Name:Bilal Tekin

Student ID:2017400264

Step 4: Derive Controller FSM