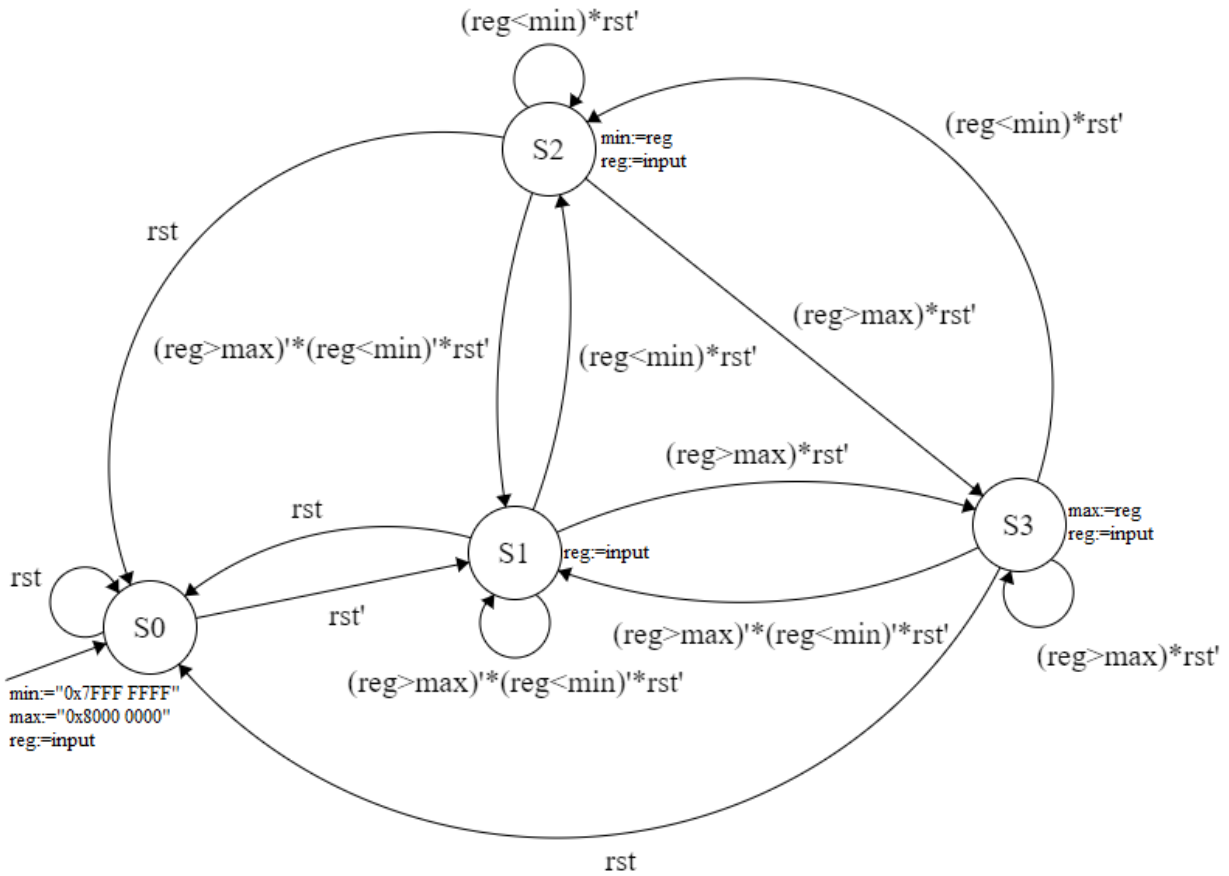


Student Name: EGE CAN KAYA

Student ID: 2018400018

CMPE 240 Experiment 6 Preliminary Work

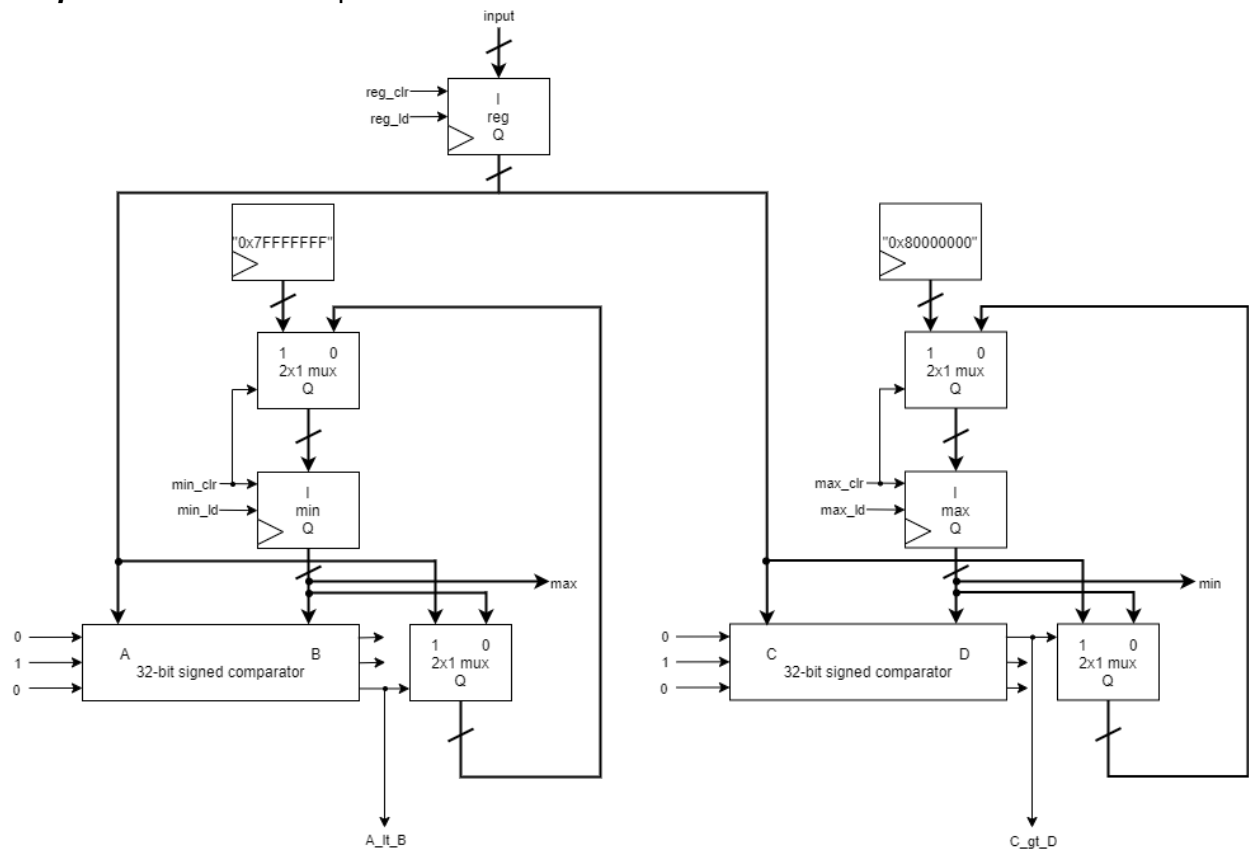
Step 1: Capture a High Level State Machine



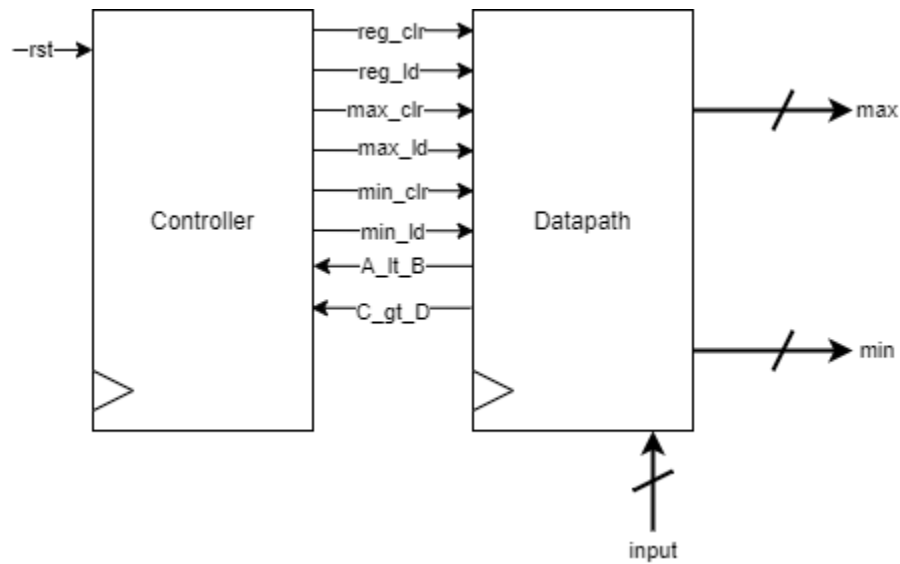
Student Name: EGE CAN KAYA

Student ID: 2018400018

Step 2: Construct a Datapath



Step 3: Connect the Datapath to a Controller



Student Name: EGE CAN KAYA

Student ID: 2018400018

Step 4: Derive Controller FSM

