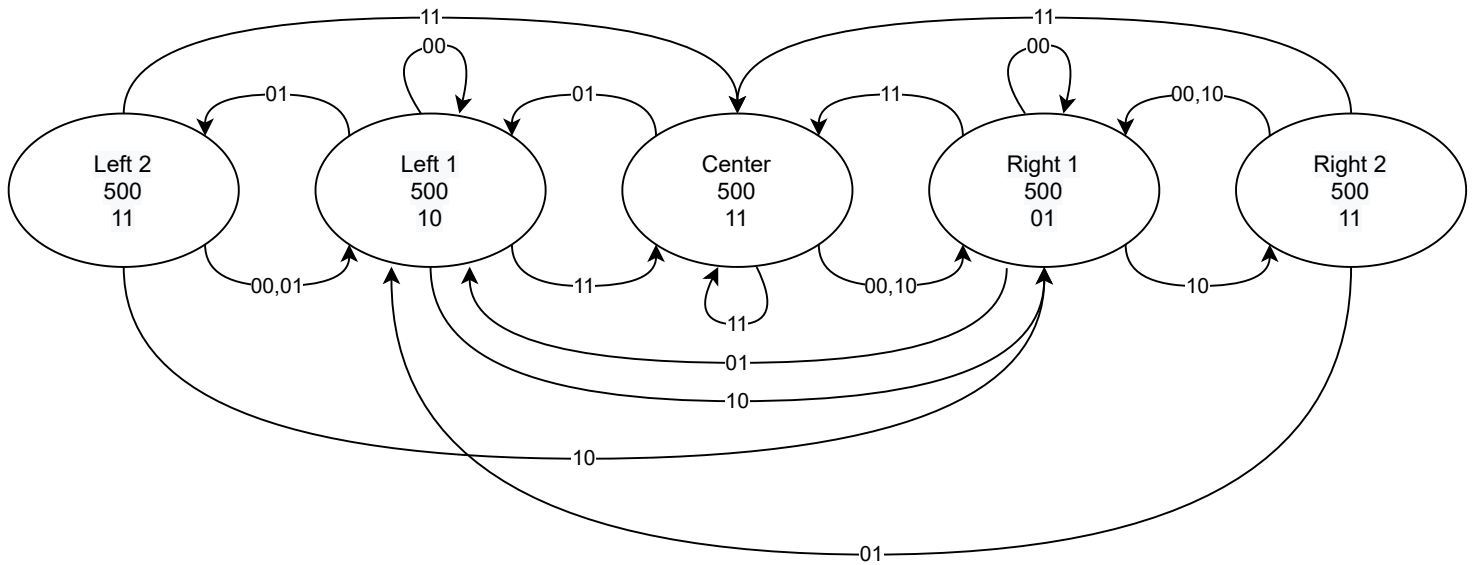


Inputs: (S2/S1)
 00 (off the line)
 01 (left of line)
 10 (right of line)
 11 (on the line)

Outputs: (LED)
 00 (stop) Black
 01 (turn left) Red
 10 (turn right) Green
 11 (straight) Yellow



Expected Behavior				
SW2	SW1	Input	Meaning	Output Behavior
Pressed	Pressed	11	On Line	Both Motors On. (Center/Yellow)
Pressed	Not	10	Right of Line	Turn Left. (Right1/2) (Red/Yellow) After both switches are released LED should be Red.
Not	Pressed	01	Left of Line	Turn Right. (Left1/2) (Green/Yellow) After both switches are released LED should be Green