

# ECE 241

PRA 0108

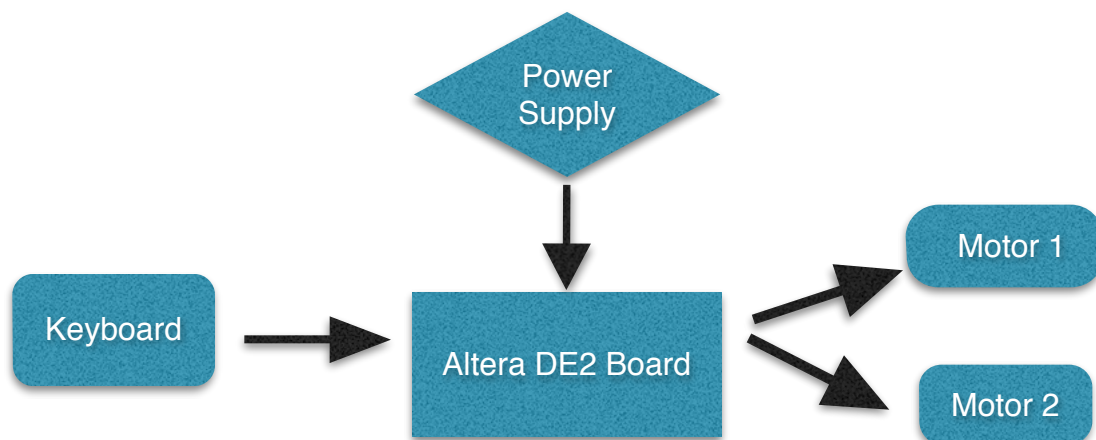
## STATION 46

### NAME OF THE TEAM MEMBERS

- VAIBHAV VIJAY
- ROHAILA ZEHRA

### DESCRIPTION OF THE PROJECT

The goal of our project is to make a controller on a wheel chair to help physically challenged people traverse between two points. Our project will have a keyboard as an input and the motors will be the output. The user will enter the distance through the keyboard telling the device to move in a direction. The controller as in the FPGA controls the motors in reaction to the keyboard readings.



MOTOR 1	MOTOR 2	STATE
0	0	STOP
1	1	FORWARD
1	0	LEFT
0	1	RIGHT

MILESTONES	WORK
November 14, 2013	Connect and move the motor through FPGA
November 21, 2013	Move motor until a specific distance in a particular direction
November 28, 2013	Present the final project to the TA