Requirement:

In this project I will build a robot that which can solve a Rubik's cube.

The necessary software and hardware components have already been compiled by myself. I will use the Lego Mindstorm kit to drive the Lego motors and sensors.

I can initialize the colors of the cube with the sensor.

The program algorithms can be switched before the program starts.

I will program the x and o's algorithms.

My goal is to have the robot solve the cube in under **60 seconds**.

 The robot will be powered by an external power supply.

The robot must be small enough to fit into my school bag.