**Eye tracker**

Design of glasses:

1. Use of normal glasses and attaching an arm for the sensor support.
2. Designing or choosing a 3d model and printing the whole glasses with an arm support.

Methods for eye tracking:

1. Using 4 QTR-1A Reflectance Sensor placed at both sides, top and bottom of eye, we can determine the position of eyeball. But this would result in lack of visibility for the user.
   * <https://create.arduino.cc/projecthub/H0meMadeGarbage/eye-motion-tracking-using-infrared-sensor-227467>
2. Use of IR filter removed camera module to record eye movement. A pre trained model can be used to identify the position of the eye. But to do so we need to find a way to remove the pc requirement for running the model.

**Home Automation**

**Micro Controller:**

1. Arduino UNO
2. Raspberry Pi 3

**Wheelchair**

**Node MCU**

**Matlab Ploting**