**Work Report Summary**

**Date Assigned**: 28th September,2019

**Date Submitted**: 28th September,2019

**Name**: Hilay Mehta

**Subsystem**: Coding

**WRO 2019 Progress**:

* ARDUINO:
* Learnt Arduino coding from scratch. Started with Blink code and then Fade code.
* Completed code for LDR sensor (light dependent resistor) which glows LED in dark and LED goes Off in light.
* Completed code for Ultrasonic sensor which helps us find distance between objects using speed of sound=distance/time.
* Completed code for Infrared sensor which detects the object and detects the colour.
* Completed code for 8 line array follower sensor which detects the difference between white line and black line i.e it glows when white line and goes off when black line.

**ISSUED FACED**

* I could not attend the Starting 2 to 3 days. So I was not able to understand anything on my first day but stayed back after everyone left and the one of the mentor taught me from basics what I had missed and told me to learn from YouTube and google. I Referred Jeremy Blum video to learn what I had missed in 2 to 3 days.