

## **PROGRESS REPORT 3**

**Name:** Kartikeya Tiwari

**Subsystem:** Coding

**Date of Submission:** 17/01/2021

**Reporting Progress from:** 03/12/2020 To 17/12/2020

### **Progress:**

#### **Arduino**

- Revised everything about SPI, I2C and UART form of communication.
- Completed Coursera course about Arduino(yet to receive a certificate for the same due lack of projects that I can review on the website)

#### **TinkerCad**

- Created and implemented a remote-control IR sensor on Arduino.
- Created and Implemented a Servo Motor on TinkerCad

#### **Reading**

- Read and understood the working of Servo Motors.
- Read and understood the working of Step Motors.
- Read and understood the working of Differential Drive.
- Read and understood the working of Holonomic Drive including implementation of Euclidean magnitudes to instruct the bot to move in a desired direction.
- Read about HC05 Bluetooth module.

#### **Issues faced**

- Missed a couple of meetings, first because of festival celebrations and other due to health complications.