Progress Report 4:

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Subsystem: Coding

Date of Submission: 25/01/2021

Reporting progress from: 17/01/2021 – 24/01/2021

Progress:

- **GitHub:**
  1. Updated the read me file
  2. Added the TinkerCad Circuits to the repository
  3. Added the C++ codes

- **Researched About:**
  1. Ultrasonic Sensors
  2. LCD Module 1602A
  3. Line Sensing Arrays

- **C++**
  1. Velocity of each wheel for a 4 Wheeled Holonomic drive bot with wheels at 45 degrees
  2. Velocity of each wheel for a N Wheeled Holonomic drive bot with wheels at n degrees

- **TinkerCad Circuits:**
  1. LCD Module 1602A "Hello World"
  2. Ultrasonic Sensors
  3. 2 Wheeled Bot with Ultrasonic Sensors to stop at 20 cm parallel from the wall.