Estellar Raganit

Partner: Abenezer Namaga

**Task 00:** Start

* Installed Uniflash, SensorTag app send firmware image

**Task 01:** Update CC1350 LaunchPad firmware

* Uniflash was successful and loaded hex file and update firmware using mobile device.

**Task 02:** OAD download sub-1GHz firmware images

* Firmware updated to get device to act as coordinator.

**Task 03:** Running the sub-1GHz firmware images

Youtbe Link: <https://youtu.be/tD01eSbA3NQ>

* Successfully run the firmware images and displayed values on putty terminal.

-----------------------------------------------------------------------------------------------------------

**Task 01:** Importing the WSN Examples

* Imported and built rfwsnConcentrator example.

**Task 02:** Putting it all to work

* Successfully observed change in node value on the concentrator device from putty terminal.

**Task 03:** Change RF Channel

* Successfully changed the RF Channel

**Task 04:** Switch from 2-GFSK 50 kbps to Long Range Mode (LRM)

* Successfully switched to long range on both concentrator and node.

**Task 05:** Measure Power consumption on the node

* We were able to measure the power consumption

**Task 06:** Modify Code Running on the Sensor Controller

* We had to change it to wake every two tics.