

Weekly Progress Report - 04/06/2024

Requirements for this week:

1. Make the connection between sensor and pi

Our sensors are part of a Sense Hat which has been connected. We have been able to use the data from the sensors in the sample code.

2. implement the sample code, make modifications based on the Project Phase I requirements

We were able to get various sample programs running and were able to edit the temperature sensing program to change how the color is displayed for the LEDs.

Please submit the following for Weekly Progress Report:

1. Summary of tasks accomplished in this week

Reinstalled the OS onto the SD card, hooked up the Pi to a monitor, keyboard, and mouse on Tuesday, allowing us to use the device. Familiarized ourselves with the OS on Thursday, installed VS Code onto the Pi, and began working with sample code.

2. Each team member's contribution for tasks completed

Alex, Erick, and Stephen met on Tuesday to set up the computer, the three of us and Gavin met on Thursday to begin working on the coding process. Stephen downloaded VSCode and everyone worked on connecting to the internet and getting everything working. Erick made a contribution to the code that allows the LEDs on the Pi to reflect the current temperature readings.

3. Summary of unfinished tasks and reasoning

Nothing to report.

4. Tasks for the coming week

Work on getting a functioning website put together and begin connecting the Pi to the website.

5. Copy or link of the materials you reviewed this week if there is any

<https://github.com/bennuttall/sense-hat-examples>

6. Include your team name, and members' names

Team - Digital Detectives:

Alex Dignan, Aley Sary, Erick Kilpatrick, Gavin Russell, Stephen Osunkunle