

Team Name: sdmay24-3

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Report Period: Sept 25-Oct 8

Summary of Progress in this Period

Set up Turing Pi board, researched how to setup software on the pi modules. Installed Raspbian OS onto each card. Completed hardware design.

Completed initial design draft for webapp.

Pending Issues

SSH into Turing Pi from campus, will need to talk to IT about static IP and port accessibility after setting SSH up on home network.

How, specifically, will Django interface with Docker/Kubernetes and our database?

Plans for Upcoming Reporting Period

Be able to SSH into Turing Pi on campus, and be ready to setup containerization for Application layer code.

Explore Board Management Controller API to discover tie-in and management options.

Research and design tests for OS and container interactions.

Create a more detailed model of our software and set up a simple webapp project in GitLab.
