

Team Name: sddec21-14

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Report Period: Mar 29-Apr 11

Summary of Progress in this Period

During this period, the Robotics side has pretty much finished up the first few months of curriculum. It has been completely laid out, and the presentations and example code have been started, ensuring that teachers or club leaders are able to have a starting point for helping students. Smart-IT has resolved the issue with getting the Raspberry Pi to communicate directly with the Sphero RVR; we are now able to drive the RVR through the Raspberry Pi connected to the wireless network, which opens up a vast amount of opportunities to improve upon the project design. Additionally, the ISU website is now complete.

Pending Issues

We have continued working on the pending issue with the lack of support for the embedded RVR sensors. After talking with Sphero, they have plans to update the SDK, but we will still be limited in technical abilities until they are complete.

Plans for Upcoming Reporting Period

As we approach the end of the semester, the team is working on wrapping the first semester of curriculum up and creating the materials for students to use. We are also focused on the review sessions and materials that are coming up. This includes working on finishing the Design Document and signing up for the semester review panel.

The first semester curriculum is nearly done for the Robotics team, so it will be completed. In contrast, the Smart IT setup, as it is nearly finalized, will be used to create the first few months' worth of curriculum in the next few weeks. The goal is to have at least the first few months done for both sets of curricula before the team splits up for the summer. Although we can theoretically meet over the summer, it is more challenging, and students tend to be more focused on their personal and professional lives, and not school.
