

# CprE 492 - sddec21-14

## IT-Adventures

### Week 6 Report

November 9, 2021 - November 22, 2021

Client: IT Adventures

Faculty Advisor: Doug Jacobson

### Team Members:

Dakota Berbrich - Robotics

Nolan Jessen - Robotics

Aaron Goff - Smart-IT

Noah Berkland - Smart-IT

### Past Week Accomplishments

- Smart-IT (Aaron and Noah)
  - Finalized & got approval of final April competition challenge
  - Started work on finalizing all challenges from Jan-Mar
  - Started work on final code for April competition
- Robotics (Nolan and Dakota)
  - Worked with teachers to resolve issues with curriculum
  - Finalizing final competition challenges

### Pending Issues

- One Robot is having technical issues (power button not functioning properly for Aaron), replacement or workaround being implemented.
- Smart-IT cannot get interrupts to work reliably with the final challenge, working around that idea to provide meaningful code and creating a workable challenge without interrupts.

### Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Dakota Berbrich	Resolved issues with the curriculum and helped answer and resolve issues	12	82

	teachers were having.		
Nolan Jessen	Helped resolve curriculum challenges, finalized final project	10	83
Aaron Goff	Created final April competition challenge and got approval from superiors, started creating code and challenges for Jan-Mar months, started working on code for final competition.	31	160
Noah Berkland	Assisted with challenge code tests	4	73

## Plans for Coming Week

- **Robotics - Nolan and Dakota**
  - Finish competition final challenge
  - Finish competition real-time challenges
- **Smart-IT - Aaron and Noah**
  - Finish Jan-Mar challenge code
  - Finish April competition code
  - Create schematics for Smart-IT competition track for April competition
- **Everybody**
  - Finish project website (Aaron)
  - Finish project poster
  - Create slides and prepare for final presentation