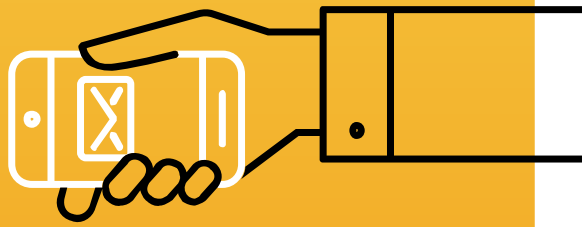
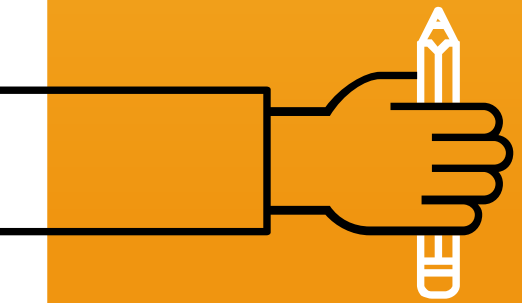
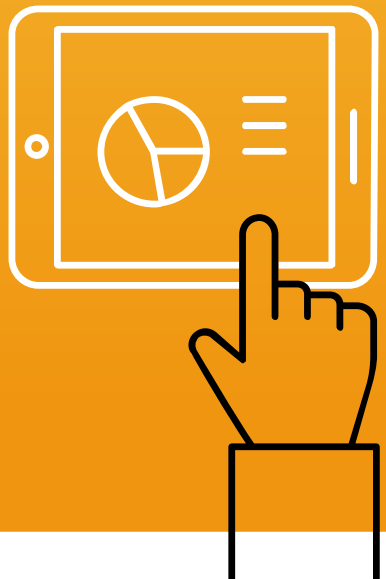


ROBOT TEAM 2 POWERPOINT PRESENTATION

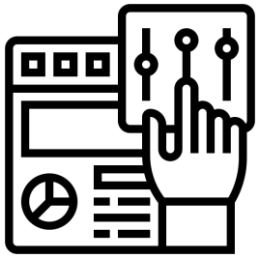




Makenzie Roberts

Lead
Project 1
(System Design)

Provided solutions & guidance on the other projects



Tyler Dinn

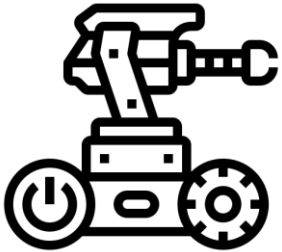
Lead
Project 2
(Some Python Code)

Provided solutions & guidance on the other projects

David Turner

Lead
Project 3
(Robot Obstacle Course)

Provided solutions & guidance on the other projects



Project Management Strategy

- Trello was used to keep track of each task. We had a To-Do Board, a board for each team member, and a board for Completed tasks. To accurately display our progress, we also used check-lists for sub-tasks.
- Most mornings around 10:30am we would have a stand-up meeting call/text chat through Microsoft Teams. Some days we would have another meeting at night to update the team on our progress and get help/guidance with any issues we had faced.
- We used a Github repository to share files among the team. We also used Microsoft Teams for sharing code snippets/images for troubleshooting or sharing our progress.

Trello: https://trello.com/b/pLqWg9gL/sprint-2

Github: https://github.com/DeToxFox/Grp22A-2-Final-Spint-Week

Major Challenges

Largest obstacles we faced during this project

- Missing one team member
- Transportation issues/difficulty getting to the campus
- Two or three work-days were underutilized due to sickness
- Time management
- The robot course made troubleshooting code very slow. If you changed your code overnight, you'd have to come back to the course to test it again, resetting the robot's position each time.

How to mitigate these challenges in the future

- It may help to test each room of the course until completion, versus trying to run the whole course each time.
- Set realistic completion goals and make sure there's ample time for review.
- Set alarms/timers to keep track of how long we've been working on a project. Sometimes it's easy to get carried away adding features, so being reminded of the time can help you prioritize.