

Sprint 4 - Triathlon

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The challenges we faced

Sprint 1 Challenges: Within Sprint 1 some of the challenges we faced involved bluetooth connection to robot, robot had a hard time initially following the required path until latter assessment and initially having it say “I'm done and I need water”.

Sprint 2: After assessing the problems we faced within Sprint 1 Tommy and I changed from using a computer to control the robot to using your phone allowing for better bluetooth connection The Gantt chart was very accurate as we predicted the correct duration for sprint.

Sprint 3: Sprint three had very little challenges as we faced more problems within sprint 1 and sprint 2. Yet again sprint three was more challenging in trying to have the robot successfully roll over the hill near the end. Finally, we did have trouble gaining access to the room as it was locked.

Role of each team member

Sprint 1: Within this sprint Tommy did the block coding, algorithm and the system design document. Tim did the gantt chart and requirement table. Tommy and Tim both did the results on testing and creating the video.

Sprint 2: In this sprint Tommy did the system design document, created the video, algorithm and block coding. Tim did the results on testing, developed the Gantt chart and built the requirements table. Tommy and Tim both did the flowchart.

Sprint 3: Within sprint three Tommy successfully completed the algorithm, flow chart and block coding. Tim successfully completed results on testing, creating the video and requirements table. We both successfully completed the systems design document and the Gantt Chart.

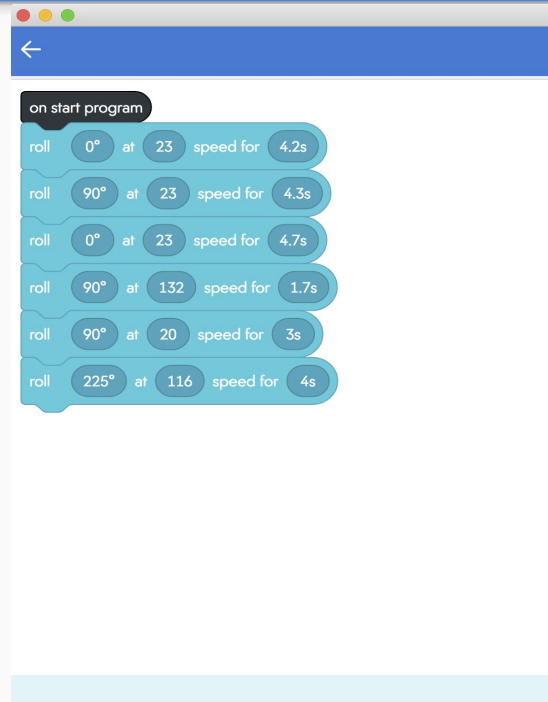
What we learned about software engineering

- Overcoming challenges is a part of the process
- Although difficult, the process can be fun and the end result is rewarding
- Patience and adaptability
- It is a part of everyday life

What we would have done differently

- Nothing other than worked some of our sprints sooner before the due date so that we could give ourselves more time.

Block code for Sprint 3 - Agility



Video of Agility Sprint

