Senior Design Bi-Weekly Status Report; Fall 2023

Team Name: sdmay24-44
   Team Members: Chris Agyare, Jaxon Dennis, Taylor Moore, Simon Aguilar, Zech Mundy, Vince Quattrone
   Report Period: Jan 13 - Jan 27

- Include the Project title and Team information, including attendance. (Include a reason if there is an absence)

This group is creating the track for a larger "Race of Doom" project. The group members consist of electrical engineers Christopher Agyare, Jaxon Dennis, and Taylor Moore, Cybersecurity engineers Vincent Quattrone and Zechariah Mundy, and computer engineer Simon Aguilar. All were present at the recent meeting with our faculty advisor with the exception of Zech due to class and Vince due to illness.

- Summary of the main points discussed

The largest point of discussion was the location for testing as well as for the final race. It was determined that preliminary testing will be conducted in the courtyard of Coover Hall, and the location for the final race is still unknown due to lack of response from the Memorial Union. In addition to this, the size of the cars as well as the size of the track were discussed.

- List of any decisions made

The primary testing location was decided to be the Coover courtyard. As a group we will for now split into two different groups. The hardware side will consist of "Christopher Agyare, Jaxon Dennis, and Taylor Moore. On the software side it consist of Vincent Quattrone, Zechariah Mundy and Simon Aguilar. The goal is meet more online instead of in person so we can have time to give each other updates.

- List of any actions to be taken

We has the track team need to aquire somewhere that is indoors for the final race. The current plan for this is to attempt again to get in contact with the Memorial Union. If this doesn't work, we plan to contact Howe Hall to inquire about using the large space in the basement.

- Next steps for the project

For the hardware portion, the EE's need to get certified to utilize the ECpE Machine Shop.