REPORT WEEK (10/02/2023)

During this week, our primary objective was to increase our knowledge of the capabilities and features offered by the iRobot 3 platform, particularly its mapping functionalities. Our group invested a significant amount of time in researching the translation strategies implemented by iRobot 3, with the goal of determining how best to implement these strategies to simplify and expedite the mapping process. To expedite the mapping process while also enhancing its precision, we were interested in gaining a better understanding of how to operate iRobot 3.

In addition, we invested some time in researching the many tools made accessible by the project teams that have the potential to be of great assistance to our development efforts. These resources comprised a wide variety of tools, technologies, and abilities that may assist us in moving our project forward and getting closer to our goals in a more expedient manner.

** Next week we plan to try using the RPLidar to map the environment and try to come out with a decision if we will go with Lidar or not for mapping.