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Mobile Robotics

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Lab 5 Report

In this lab, the beta group applied the solution to PS7 on jinx with the addition of a "graceful halt from ESTOP." After starting jinx up and connecting her to the lab's computer we ran ps7. with the wireless E Stop in hand. We tested using the soft E Stop, pressing it to halt jinx and then releasing it so that jinx could finish the original path. Next we tested to make sure that the lidar alarm would actually sound, that jinx would halt in response and then would continue after the lidar was no longer warning. This we had some trouble making sure the lidar alarm would communicate to jinx effectively and in a timely manner. During this process we also tested for the other PS7 goals. Overall it was extremely exciting and encouraging for us to work with jinx for the first time and get some experience with her.

Github Link: https://github.com/RossKasal/EECS476

Youtube Link: https://youtu.be/07P066SSSDQ