BRADLEY
University

Project Notebook

Localization for Area Coverage

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eMail

Beginning June 2020

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Thursday, June 11, 2020

This is the first entry for this project notebook since I was unaware that I had to log my work day by day in one till yesterday on Wednesday 6/10/20 when I had a meeting with Dr. Miah.

On Tuesday I Finally got to a point of understanding of the math behind relating distance and the Revived Signal Strength of RSSI. From this I had put together some code to test it out and found that the results are a bit more inconsistent than I expected. Which prompted the meeting to update and get clarification. Then today i worked on testing the math a bit more with some programs and trying to figure out a formula for distance to RSSI that was suggested by Dr. Miah.

Friday, June 12, 2020

Worked on cleaning up and fixing some code related to distance as well as the Github for the project. Working through figuring out issues with distance by reading a bit through sources of the Dr. Miah Reference paper as well and testing out how the XBees work a bit more.

Friday, June 12, 2020

All work today was spent on cleaning up code and documentation in general the Github should now be fully documented up to today as well as contain the most current copy of the code.