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From:

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- Nawon Kim (201600@jnu.ac.kr)

Summary

- Conducted the communication quality measurement field experiment.
- Conducted the drone detection test.
- Made a final presentation.

What BTT completed this week

- Soonchan Kwon
 - Played a role as GCS, which is the role of checking whether node 2 and node 3 communicate well, led the experiment, and oversaw the experimental equipment, in the first and second communication quality measurement field experiments.
 - Organized and analyzed the results from the field experiment.
 - Found a problem with the network code and modified the code to obtain better results in the second field experiment.
 - Prepared presentation materials and wrote a script about the system overview and problems and challenges of the network part.
 - Annotated and organized the code implemented in the network part.
- Gihwan Kim
 - Played a role in storing and initializing the log value of node 3, in the first communication quality measurement field experiment.
 - Conducted drone detection experiment and organized the result.
 - Modified the size of the code to be small to run the program on the board.
 - Prepared presentation materials and wrote a script about experiments and problems and challenges of the detection part.
 - Annotated and organized the code implemented in the detection part.
- Nahyeong Kim
 - Wrote the part of communication quality test in the paper.

- Wrote the part of the power consumption test in the paper.
 - Modified the paper by reflecting the feedback.
 - Played a role in storing and initializing the log value of node 2, in the first and second communication quality measurement field experiment.
 - Researched on the equation to calculate the receive sensitivity.
 - Made the question list to prepare the final presentation.
- Nawon Kim
 - Played a role as an observer and provided experimental photographs and experimental assistance, in the first communication quality measurement field experiment.
 - Played a role in storing and initializing the log value of node 3, in the second field of communication quality measurement.
 - Prepared presentation materials and wrote a script about the introduction.
 - Made the question list to prepare the final presentation.

Things to do by next week

- Submit a draft of a paper.

Problems or challenges

- Run the program that combines network part code and detection part code on the board.
- Felt difficult to respond to variables that occurred during the field experiment.