Report Date: 02/17/2023
To: ematson@purdue.edu and lee3450@purdue.edu
From: Beer per Day

- Shinhyoung Jang(201802151@o.cnu.ac.kr)
- Byeonghwi Park(201802093@o.cnu.ac.kr)
- Juheon Jeong(201802155@o.cnu.ac.kr)

Summary

First, implemented and modified methods. Second, modified and wrote the paper.

What Beer per Day was completed this week:

- **Implementation**

  1. Make the trajectory datasets that have various interval

  2. Make data communication between the Android and computer

  3. Check the latency of communication

  4. Review the auto-pilot method and add controlling throttle with the mathematical relation

  5. Verify ML models with train and test sets.

- **Writing Paper**

  1. Abstract & Introduction

     i.   Modify words, paragraphs, and structures.

     ii. Discuss synonyms of words

  2. Modify sentences and errors in Related Works

  3. Make sentences more smooth in Methodology

  4. Add Figures such as a comparison of ML models, system architecture, and data flow

  5. Write the Conclusion

Things to do by next week

- Review and Confirm the paper with Minji Lee or Prof. Matson
- Prepare the presentation and slides for final