Minute 10

Date: 27.05.2021

Present: All

Meeting Purpose:

- Better gap finding equations with proper filtering
- Check for obstacles while walking and read obstacle distance
- Attempt code for inclined PTU case as chairs on which PTU may be mounted have slightly tilted surface
- Clean up accelerometer readings

Progress:

- Gap finding with most noise filtered
- Obstacles checked while walking, voice module provides instructions and matlab reads obstacle distance
- Decide to mount PTU on flat surface so inclined case is not necessary
- Accelerometer readings clea

To Do:

- Filter out gaps with elevation difference
- If gap at different elevation narrows existing gap but still wide enough to pass through, adjust turn angle
- Bearing integration
- Integrate C and matlab serial and magnetometer
- Describe modules
- Start working on readme
- Render equations
- Integrate matlab code

Next Meeting:

- 29.05