



February 12 - 19 Weekly Report

1 Progress

- Possible problematic cases on the path are analyzed. Some of them are shown in *Figure 1* and *Figure 1*. The image processing is improved according to studying cases.

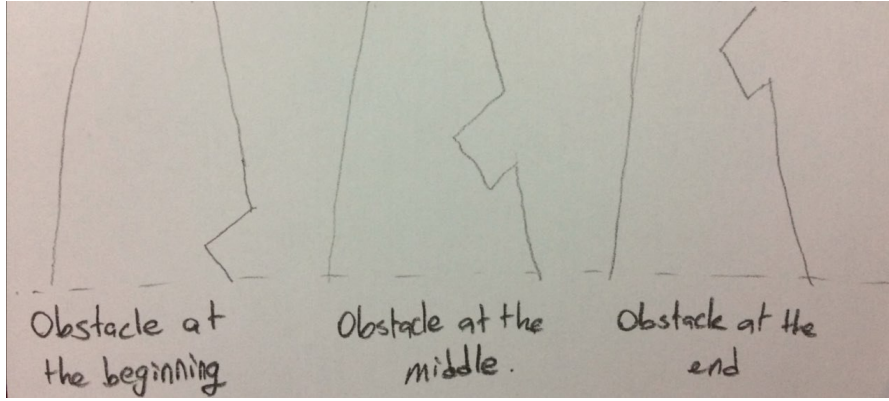


Figure 1: Possible Problems on the Path - 1.

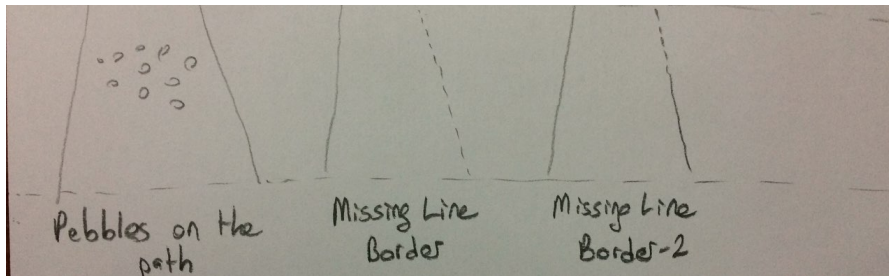


Figure 2: Possible Problems on the Path - 2.

- Racecourse is constructed.



- Testing and Implementation of new motor-wheel pair and Li-Po battery is completed on current chassis.
- The measurements for new chassis were taken.
- The hotspot connection on Linux machines were studied.
- Measurement tests for ToF distance measurement sensor Polulu VL6180X are conducted.

2 Plans

- Internal communication subsystem will be studied.
- New chassis design will be drawn in 3D CAD software.

