Wireless Based Positioning
Weekly progress report - 7

Date & time	Wednesday 18 May, 2016
Members	Adrien Anxionnat, Baptiste Cavarec, Irlon Santos, Navneet Agrawal, Raees Kizhakkumkara Muhamad, Yuqi Zhang
Note:	Final report, prototype, video.

Weekly meeting Agenda

- Review work done last week.
- Decide task list for next week.
- Review entire task list and time plan for the project.
- Get updates on individual and group works.
- Discuss work related issues, bottlenecks or other problems.

Last week's task list

Final report

With two weeks from the final presentation, it was time to put together all the information from the groups work. During the project, documentation from what was done has always been asked from the members of the group. To create the project smoothly the sections were divided according to the focus of each member during the course as seen below.
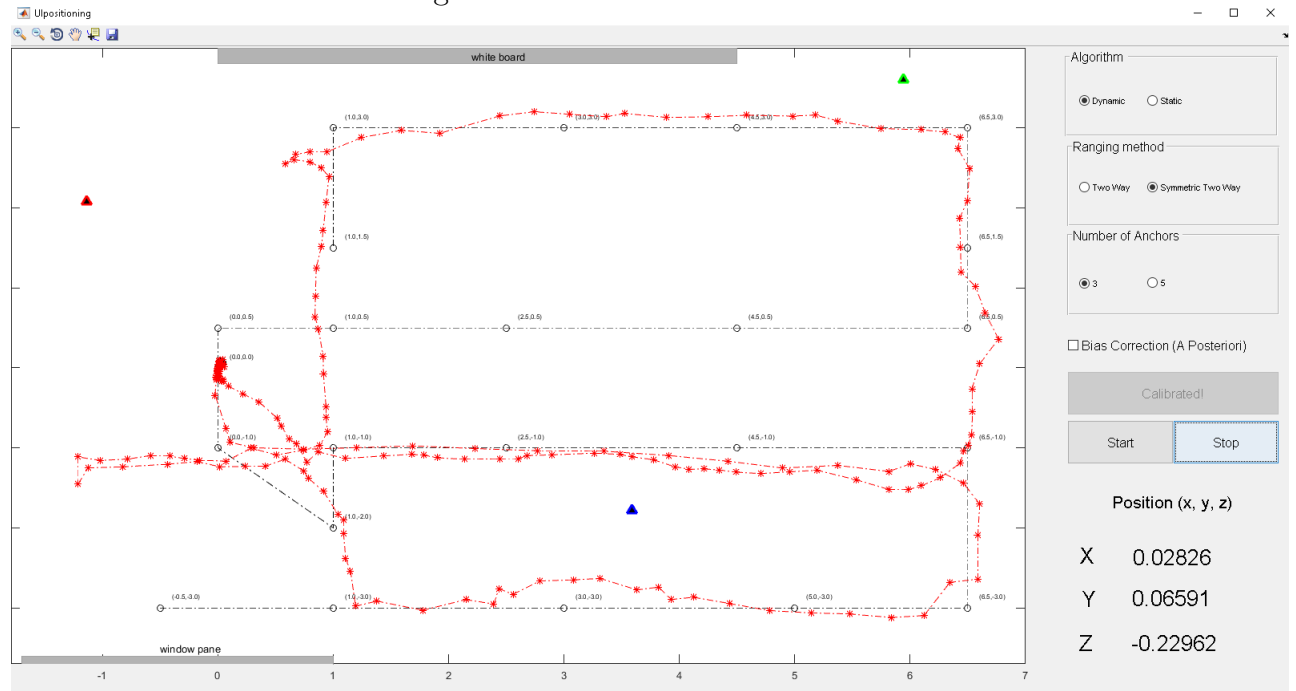
Adrian	Ranging Results and Sources of error and error analysis
Baptiste	C Coding Development
Irlon	Introduction / Overview / Hardware Specification / Objectives / Prototype
Navneet	MATLAB Development / Project Management / Conclusion
Raees	Positioning Theory and Positioning Results
Yuqi	Ranging Theory

Prototype

Since during the project different ranging and positioning algorithms were made, for the presentation we decided that a user interface was necessary in order to make the experience for the final user more interesting. The UI developed on MATLAB allows to choose some configuration setting.

On the interface it is also possible to see a map of the room where the experiments occurred, such as a reference route in black dashed line and the path generated by the positioning system in red dots.

Figure 1: User interface

Video

The video started to be made and the idea was to show members of the group presenting the project though images, animations and videos recorded during experiments. Because of the short time limit for the video just a basic idea of the system and the result was shown, not going deep into technical details.

Work report - week 5

Last week, Irlon worked 30 hours, Adrien worked 30 hours, Yuqi worked 30 hours, Baptiste worked 30 hours, Navneet worked 30 hours and Raees worked 30 hours.

Next week's work

- Creation of the final presentation

- Finish video

- Finish report

- Final adjustments