

Meeting Minutes - PG 04

Chair: Lily Wu

1 Date and Time

- Date: 06/09/2016
- Time: 10:40am - 11:00am

2 Apologies

- none

3 Present

- Tao Zhang
- Yi Lin
- Yuan Liang
- Lili Wu
- Zeqi Fu
- Navdeep Singh
- Yann Frizenschaf

4 Secretary

- Tao Zhang

5 Summary

Liang Yuan summarized the progress of the Draft SPMP:

- SPMP draft had been completed.
- Configuration management has been completed.
- Double check Figure number has been added and linked to descriptions or not.

6 Some roles are changed

- Lili will be QA manager, be responsible for quality assurance including function testing and integrate testing.
- Navdeep will be documentation manager, be responsible for keeping track of all the document is updated on time or not.
- Tao will be assistant project manager, be responsible for keeping track the code part and help Yann to do some project management job.

7 Gui presentation by Yann

- Redesigned GUI is shown and updated buttons are operated by keyboard.
- Better code encapsulation.
- Merged prototype demo code into main project structure.

8 Milestone freeze

- Agreed with to show full manual control of robot (forward, reverse, 90 degree turns).
- Agreed with to show Gui indication of position and orientation (map and numerical output).
- Agreed with to show displaying current sensor (ultrasonic, color sensor, gyro) readings on Gui.

9 SRS review

- Put a before student id on cover.
- Keep the revision history up to date and release version of draft should be 1.0. Put in the table who does what.
- Reorder the wording may give a better explanation. For example, User Requirements (UR), Functional Requirements (FR) when first time introducing it. All prefixes should be checked.
- Make the meaning of "While hardware considerations are touched on in the form of non-functional requirements" more clear.
- Change "Description" to "Overall Description" on title of section2
- Check the meaning of Vision. The ultrasonic sensor gives you distance data, but nothing like images.
- Communications and Emergency operations are very important. Consider change the title Auxiliary Systems.
- Separate a subsection "constraints" from assumptions part.
- Add Status (implemented/unimplemented) and Source for how we know the requirements. If the requirement is no longer needed, make a note as well.
- Define what automatic does in URC004.
- Link requirements together if needed.
- FRC002-004: What happens if the operator wants to move the robot outside the boundary manually?
- FRC006: Looks like High priority.
- FRC010: Everything should be finished within 20 mins, including demo.
- FRC011: Decrease the error from 10cm to 7cm. Can also work out a more reasonable number after test.

- FRE03: Where is FRE01 and 02? Why do we need Expedited Finish? Whats the source?
From client meeting or project spec doc?
- FRC0015-16: Maybe reorder the sentencing to make it clear. The work of Faultline Detection actually includes Depth Detection.
- NRC001: work out a list of java version(java 1.8).
- Add chapter for safety, quality assurance and user case.

10 Wifi dongle

- got a new Wifi dongle

Note: Next client meeting to be held on 13 September 2016.