

Software Engineering Group Project internal meeting 2 will be held in **Room 462** at **3.30pm** on **13 August 2012**.

Agenda

Client Meeting 2

Chair: Yatong Zhou(a1204471)

Present

1. Yufeng Bai (a1600095)
2. Nguyen Khoi (a1187070)
3. Dawei Geng (a1219181)
4. Yunyao Yao (a1203525)
5. Shikai Li (a1214223)
6. Jun Chen (a1206265)

1 Apologies

2 Presentation

No presentation this week.

3 Project Status

3.1 Current Status

The current progress will be introduced.

1. Current functionality realization.
2. Current GUI sneak peek.

3.2 Future Goal

The goal until next week's meeting will be introduced.

4 Requirements Elicitation

Questions about requirements will be discussed with client.

4.1 Map Area

1. Is the map fixed size or has obvious line to signify edge?
2. If hidden walls are signify by line, what color will be used.
3. Is the map absolute flat, or is there any object that may has tiny angle which can not be detect ultrasonic wave or light sensor, and may lead the robot stack on that.
4. Is there walls built on the area map's border.
5. What are the hidden wall's appearance?

4.2 Finding Objects

1. Is there any object too small to be detect and if there any small objects next to each other closely but has a gap, which is not passable by robot, between those object?
2. Is the robot required to stop when finds a piece of the hidden wall?
3. Is technical details about the light sensor given?

4.3 Robot Movement

Questions will be asked about the robot's movement with three wheels.

1. How significant the force will be to stop the robot.
2. How to define a unsafe situation,
3. Is technical details about the light sensor given?

4.4 Graphic User Interface

Questions will be asked about the graphic user interface of the control program.

1. The clients' preferred colours to represent the unmapped surface, mapped surface, buried walls and the border parts on the GUI.
2. Using grid to represent the map.

4.5 Other Questions

5 Milestones

Team members show the current plan about the milestone and discuss with client about the initial milestone and features will be demonstrated.

Note: Next meeting to be held on 20 August 2012.