

The *first* Software Engineering Group (PG4) Project weekly meeting will be held in **Room 462 (Ingkarni Wardli)** at **10:40am on Tuesday 16 August 2016**.

Agenda

Chair: Zeqi Fu

1 Apologies

- none

2 Presentation

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

3 Client

The group shall present the items below with the client:

3.1 Requirements Summarise

Zeqi Fu shall give a shortly summarise of the client's advanced requirements of the SeaFaults Mapping Robot.

1. Feature: Movement, Mapping, and Version
2. Working Environment: plane
3. Operate Environment: GUI and automatically
4. Project Manager tools: Waterfall, Evolutionary Development, Component-based Development, and Agile Methods

3.2 Advanced requirements collection

According to the advanced requirements team members ask some detailed questions to customers and teacher.

1. Movement
 - Do we need make robot automatically detect the blocks and draw on screen or save it?
 - Can we control the robot as the core function, and advanced function be automatically finding shortest path?
2. Mapping
 - What tools we can use in mapping progress?
 - Do we need emergency stop?
3. Project Manager tools
 - Do they have prefer project manager tools to do the project?
4. Operations
 - Are we required to design a UI for the operator? What are the required controls?

4 Group meeting summary

4.1 Three main function

1. Version - robot color sensor
2. Mapping - distance, draw picture
3. Moving - moto drive, ultrasonic sensor

4.2 Things we made a decision

1. Project manager: Yann Frizenschaf
2. We gonna decide which function can be core function, which part can be advaced function.
3. General progress update
 - Tao Zhang already done the test of all the sensor, and can get the data range of each sensor.
 - After negotiation with gruop, we have regular meeting time,Monday and Tuesday.
 - Tao Zhang and Yi Lin focus on robot Movement, Yann Frizenschaf and Zeqi Fu focus on Mapping, and Yuan Liang, Lili Wu, and Navdeep Singh will focus on Version part.
4. Presentation of draft requirements for client review
 - we got RSR document draft and it list all the requirement, so this meeting we will discuss all the requirement

5 Other Issues

We can take mintues Yann Frizenschaf will confirm the next meeting

Note: Next meeting to be held on 18 August 2016.