

Individual logs

Hyoungsuk Kong

Week 1

January 10 Class meeting

3:00pm – 4:30pm

- *Presentation from sponsors provide the projects. (DesignJug, Control4)*
- *For team*
- *Discussion to make a choise the projects*

January 12 Team meeting

3:00pm – 5:00pm

- *Discussion for bid document*
- *Create bid document*

January 14 Self study

12:00pm – 3:00pm

- *Research on NMEA format*
- *Research on how to parse NMEA format*
- *Research on using GPS library*

Week 2

January 19 Meeting with Sponsor (DesignJug)

7:30pm – 9:00pm

- *Discussion about detail layout of projects*

January 20 Team meeting

3:00pm – 5:00pm

- *Making a decission the project we choose to work
(Field of View Coordinate Correction)*
- *Discussion about outline how we are going to work on the project*

January 21 Meeting with Sponsor

2:00pm – 4:00pm

- *Discussion for the questions from team meeting*
- *Sponsor supported GPS hardware and couple of source code to work on*

January 22 Team meeting

1:00pm – 5:00pm

- *Analyze source code that sponsor supported*
- *Test GPS hardware on the labtop*
- *Install the program to test GPS hardware*

Week 3

January 24 Team meeting

3:30pm – 5:00pm

- *Project plan*

January 25 Client meeting

1:00pm – 2:30pm

- Discussion on project (question and answer)
- Schedule next client meeting
- Sponsor provide camera device for project

Team meeting

3:00pm – 4:00pm

- Install the device that sponsor provides
- Discussion on project
- Finish up project plan document

January 26 CEO meeting

3:35pm – 3:45pm

Deliever weekly report

Team meeting

4:00pm – 6:00pm

- Create SRS document
- Sperate roles for each member on programming part.
 Teaho Kim & Bo Jin – Graphic part
 Hyongsuk Kong & Mina Jeong – GPS receiver part

January 28 Implement Code

2:00pm – 6:00pm

- Import Serial connection and GPS data parsing to the application

Week 4

January 31 Test Code

11:00am – 7:00pm

- Test and Debug on the code.

February 2 CEO meeting

3:35pm – 3:45pm

February 4 Sponsor meeting

2:00pm – 3:00pm

February 5 Individual work

3:30pm – 5:00pm

Week 5

February 11 Sponsor meeting

3:30pm – 4:00pm

- Install software with lisenche sponsor provide
- Test the software

Implement Code

4:30pm – 6:30pm

- Change visual C++ code to visual basic

February 13 Team meeting

4:30pm – 6:30pm

- Review the documents and revise them
- Discussion about plan on implement of video part

Week 6

February 14 Team meeting

4:00pm – 6:30pm

- Discussion about documents(SDS, SRS, etc).

February 15 Team meeting

4:00pm – 7:00pm

- Discussion about documents(SDS, SRS, etc)
- Update documents.
- Update webpage.

February 16 Weekly meeting

3:35pm – 3:45pm

- Discussion about project log
- Discussion about update on webpage
- Discussion about last week's checkpoint review

February 18 Sponsor meeting

3:30pm – 4:00pm

- Get new version of IC Image Control.
- Get Flash memory
- Discussion about camera view, how to calculate distance, etc.

4:00pm – 5:00pm

- Update SDS v2
- Test code, and equipment that sponsor provided.

February 19 Individual work

5:00pm – 8:00pm

- Study logic part to calculation.

Week 7

February 22 Individual work

4:00pm – 8:00pm

- Implement logic part on application

February 24 Team meeting

4:00pm – 7:00pm

- Discussion on VVP document

February 25 Team meeting

4:00pm- 7:00pm

- Work on VVP document
- Discussion on logic part

Week 8

February 28 Individual work

4:00pm – 7:00pm

- *Implement logic part on application*

March 1 Individual work

4:00pm – 8:00pm

- *Test and debug logic part on application*

March 2 Team meeting and coding

5:00pm – 8:00pm

- *Researching the proper algorithm*

March 3 Sponsor meeting and testing code

3:00pm – 5:00pm

- *Discussion on algorithm*

March 7 Individual work

3:00pm – 7:00pm

- *Researching calculation on new algorithm with field of view*

March 9 Individual work

3:30pm – 7:00pm

- *Calculation on GPS coordinate with x-y coordinate on screen*

March 10 Team work

4:00pm – 9:00pm

- *Dedugging codes and testing, documentation*

March 11 Sponsor meeting

2:00pm – 4:00pm

- *First demo with sponsor*

Week 10

March 18 Sponsor meeting

12:00pm – 1:30pm

- *Second demo with sponsor*

March 19 Team work

3:00pm – 5:00pm

- *Calibration*

Week 11

March 21 Team meeting

5:00pm – 6:30pm

- *Discussion on error rate on calibration*

March 23 CEO meeting

3:30pm – 4:30pm

March 24 **Team meeting**

4:00pm – 8:00pm

- Debugging on code and fix the problems occurred on sponsor demo

March 25 **Sponsor meeting**

3:30pm – 4:30pm

- Discussion on projects

March 27 **Algorithm discussion**

5:00pm – 11:00pm

- Drawing image from data

Week 12

March 28 **Discussion**

10:00pm – 12:00am

- Drawing cordor algorithm

March 29 **Discussion**

10:00pm – 12:00am

- Take into account of magnetic declination

March 30 **CEO meeting**

3:35pm – 3:50pm

March 31 **Team meeting**

4:00pm – 8:00pm

Discussion

April 1 **Individual study**

4:00pm – 7:00pm

Research on the algorithm

Week 13

April 4 **Sponser meeting**

3:00pm – 4:30pm

Discussion on the project

- What we have done
- What it need to be done

April 5 **Team meeting**

4:00pm – 8:00pm

Coding on the program

April 6 **Team meeting**

4:00pm – 11:00pm

Discussion on the algorithm

April 7 **Team meeting**

4:00pm – 9:00pm

Research on the navigation algorithm and coding

April 8 **Sponsor meeting**

4:00pm – 9:00pm

Apply our program to the project

Week 14

***April 11 Coding
5:00pm – 10:00pm***

***April 12 Coding
5:00pm – 10:00pm***

***April 13 CEO meeting
3:35pm – 3:50pm***

***April 14 Coding
5:pm – 10:00pm***

***April 15 Sponsor meeting
3:00pm – 8:00pm***

Week 15

***April 18 Sponsor meeting
11:00am – 4:00pm
Test with sponsor
- Debugging***

***April 19 Sponsor meeting
4:00pm – 8:30pm
Test with sponsor
- Performance***

***April 19 Testing with sponsor
4:00pm – 8:30pm***

***April 20 Discussion about DEMO, and debugging
5:00pm – 9:00pm***

Week 16 (Last week!!)

***April 23 Documentation(legacy, final report)
6:30pm – 10:pm***

***April 24 Sponsor meeting, implementing the project into the sponsor's machine
2:00pm – 8:00pm***

***April 25 Documentations, preparation for DEMO.
3:00pm – 8:00pm***

***April 28 Team meeting and DEMO day!!
9:00pm - 1:00pm***