**Timetable Scheduling System**

**Team report – Yau Yet Chi**

In this project, I am the project manager and also contributed as the secondary programmer of the project. In teamwork terms, I helped to elaborate the main topic that raised by Donald (timetable scheduling system), provide more ideas on the program features like the constraint options and the visualized timetable, and completed the project plan. I did tried to divide the tasks to all the members to avoid unbalance workload on any single member, sadly I don’t think I did well in this issue.

I would consider myself as a normal member rather than a project manager in the project and actually it’s not good for the project management. In terms of software engineering skills, I helped to develop the main program at first, and also the helper functions like timetable output and validation of input data later. I also contributed in refactoring the program code in different stages. I tried my best to develop the code in good practices – with good use of indentation and comments for the ease of later modification and debugging.

For documentation, not only project plan but I also helped to write the release summary of the project. I also contributed to the bug report and refactor report. I would consider these documents as precise documentations, because our team members have good understanding of our project.

Here is my use of time spent throughout the project:

Week 1 file read IO function (1hr) project plan (3hr)

Week 2 Change 2Darray -> Map (2.5hr) Documentation version control (0.5hr)

Week 3 Console output function (4hr)

Week 4 helper functions (1hr) project plan (2hr) release summary (1hr)

Week 5 study the overall program (2hr) Console output function (2hr)

Week 6 Helper functions (2hr) project plan (2hr)

Week 7 main program (2hr) analysis and design report (2hr)

Week 8 refractoring the code (2hr) analysis and design report (2hr) project plan (3hr)

Week 9 refractoring the code (2hr) analysis and design report (2hr) project plan (3hr)

Week 10 bug report (1hr) refractoring the code (1hr) constraint function development (1hr)

analysis and design report (1hr) program input validation (3hr)

Week 11 refractor report (2hr) analysis and design report (1hr) program input validation (3hr)

Week 12 Self-assessment report (3hr) analysis and design report (1hr) bug report (2hr)

Week 13 Presentation (5hr)