

Appendix I

Week by Week Plan:-

Autumn semester:

There will be a weekly meeting both with the client and moderator.

Week 1:

- Gather information from client in order to have clear view on what the client requires.
- Write up draft initial plan.

Week 2:

- Edit initial plan.

Week 3:

- Create Gantt chart.
- Finalise initial plan and hand in.
- Research background of the day to day running of district nurses.
- Research for project.
- Finalise what is required for the project to meet all requirements.
- Gather fundamental and non-fundamental requirements.

Week 4:

- Research waterfall and other models best suited for this project.
- Research any existing systems.
- Gather acceptance criteria and assumptions for the project.
- Explain the approach how the problem will be solved.
- Work out all users required for the systems.
- UML diagrams for primary functionality.

Week 5:

- Draw some templates of what the system could look like.
- Develop algorithm to allocate calls.
- Research programming languages to use.

Primary functionality:

Week 6:

- Start Implementation – Database design and familiarise with programming languages.

Week 7:

- Continue with Implementation – familiarise with SQLite.

Week 8:

- Algorithm research.
- Begin to write up interim report.

Week 9:

- Continue to write up interim report.

Week 10:

- Send interim report to supervisor.
- Edit interim report based on feedback.

Week 11:

- Submit report.

Spring semester:

Week 1:

- Continue with Implementation – aim to have interfaces created and algorithm.

Week 2:

- Continue with Implementation – aim to have all interfaces created and begin working on creating databases.
- Update requirement of additional functionality and create UML diagrams.

Week 3:

- Continue implementing system making sure basic aspects of the system are on track.
- Create test cases for core functionality.

Week 4:

- Continue with Implementation – Integrate databases and interfaces together.

Week 5:

- Continue implementing system making sure the system is tested based on test case criteria.
- Make sure system is working correctly - Testing of core functionality.

Week 6:

- Test system and fill in test cases.
- Begin writing up the final report.

Week 7:

- Finalise implementation.
- Make sure the system is complete and ready to be fully tested.
- Continue write up of the final report.

Week 8:

- Write up future work.
- Continue writing up the final report.

Week 9:

- Write up Evaluation.
- Continue writing up the final report.

Week 10:

- Finish gathering work in order to finalise final report.
- Send draft to supervisor and moderator.

Week 11 (week ending 5th May):

- Finish final report and hand in.