2016/12/22. Log start, launch the assignment. Download the file 2016 Seminar Notes because the description of Reflective Report Assignment is in that file, read the description, understand the description.

2016/12/23. Start to search some article and re-read the article which I read before for the seminar notes. Following are the main reading list.

1. A Method for Early Requirements Triage and Selection Utilizing Product Strategies

2. A Proposed Method for Release Planning from Use Case-based Requirements Specification

3. The Art and Science of Software Release Planning

4. A Case Study Evaluation of the Guideline-Supported QUPER Model for Elicitation of Quality Requirements

5. Requirements Abstraction Model

6. A Hybrid Release Planning Method and its Empirical Justification

7. What Happened to Our Features? Visualization and Understanding of Scope Change Dynamics in a Large-Scale Industrial Setting

2016/12/24. Christmas Vacation(little bit read for these articles too)

2016/12/25. Christmas Vacation

2016/12/26. After read these articles, finally decide to use these two articles, and implement the MERTS method and QUPER model.

1. A Method for Early Requirements Triage and Selection Utilizing Product Strategies(MERTS method)

2. A Case Study Evaluation of the Guideline-Supported QUPER Model for Elicitation of Quality Requirements(QUPER model)

2016/12/27. Read these two articles again and think about the following things:

1. How to set the implementation plan, feasibility is something need to be consider about, the limitation of scope, resource and time. How to adjust the plan for my own implementation.

2. What is my implementation target, what should be used for me to implement these methods.

3. After identify the target, what should be the selection condition of target requirements.

And after give answer for these thing, start to write the report(Article Selection part and Implementation Plan part), which can be a record for my idea and a documentation for plan.

2016/12/28. Start to implement the MERTS methods.

1. Select the requirements.

2. Specify the directions of product based on the strategy, in other words the factor.

3. Assign the weight for the factor.

2016/12/29.Still implement the MERTS methods.

4. Run the selected requirements on the MERTS methods.

5. Think about the similarity and difference of the result with my Release Planning result, summary the result.

2016/12/30. Document the result and execution process of MERTS method into report.

2016/12/31. Start to implement the QUPER model.

1. Select the quality requirements.

2. Identify candidate quality requirements.

3. Define Scale and Unit.

2016/1/1. New year vacation.

2016/1/2. Still implement the QUPER model.

4. Identify Reference Levels

5. Elicit Quality Breakpoints.

6. Identify the cost barriers.

7. Identify the Targets.

2016/1/3. Still implement the QUPER model.

8. Run the selected quality requirements on the QUPER model.

9. Summary the result and think about the gaining.

2016/1/4. Document the result and execution process of QUPER model into report.

2016/1/5. Think about the lesson learned from the implementation about LSRE/MDRE and summary it and document it into report.

2016/1/6. Read the articles again, especially the article that is similar with the selected two articles, compare the idea in these articles with my result and gain from the implementation. Following are the read list.

1. Software Requirements Triage and Selection: State-of-the-Art and State-of-Practice

2. Requirements Triage - Challenges and Solutions

3. The art of requirement triage

4. A Method for Early Requirements Triage and Selection Utilizing Product Strategies

5. Setting quality targets for coming releases with QUPER: an industrial case study

6. A Case Study Evaluation of the Guideline-Supported QUPER Model for Elicitation of Quality Requirements.

7. Aligning Quality Requirements and Test Results with QUPER's Roadmap View for Improved High-Level Decision-Making

8. Cost and benefit analysis of quality requirements in competitive software product management: A case study on the QUPER model

2016/1/7. Finish the report and log end.