We had many challenges that we encountered in the development of the software product. I feel like the pre-requisite course should require to teach more than one programming language, at least one in web defined program like php or asp.net and at least one compiled language such as java or c++. The pre-requisite course should also help students understand the interactions between different languages and how each differs and the similarities among the languages.

The techniques I learned were able to allow me to create a structure on which to build the program upon. I was able to fully understand the backbone of structures in a program and help create the structure of our project. Also the techniques we used were able to allow our group members to be on the same page with the structure of the program and be able to program it in different languages since we know what is needed.

Use cases, testing, and implementation were the most useful techniques to the group. It was the most useful because without these techniques, we would not have been able to create a "backbone" of the program. We were able to lay out a plan or a structure to the program before we started hard codding it. Since we knew what we needed, we did not have to waste time on creating unnecessary code or functions which would have slowed down the completion of the project.

I feel like the broker and distributed computing was the least useful. It was because I was not able to fully understand the concept or technique well that I feel it was the least useful in our work. Also our project did not include anything of this technique and/or we chose not to use it.

I feel it is better to develop our own new projects rather than work to better on those already defined. Although we do need guidance from the previous year's examples to help write reports and better understand on what is needed to be accomplished, if we were allowed to create our own new project, we would be able to learn and experience what was to be learned in this course rather than build upon what the previous years have learned since the previous years have already set-up most of the required course. We would also be challenged to fully understand the concepts/techniques of the course before making any type of coding.

The challenges of working in a team was that not everyone knew the same programming language. Because everyone knew a different programming language, it was difficult to decide and create a program that everyone could agree and help work on. Also there were at times we had difficulty meeting up at the same time since everyone had different classes at different times and

Benefits of working together was that not all the work was put onto one person. We were able to split up the work among ourselves to lessen the load on each other. We were also able to help each other out in thinking different ways of coding. When one of us has a problem coding something, we would then advise each other on different ways of coding what he needed. Another benefit of working in a group was that we were able to think of more ideas to make the project better rather than sticking to one idea, if one of us did not think of it, the other would think of something and help the group improvise an idea, then the group would help revise and improve on the idea.

Knowing more programming languages or fully understand the user of php and java could have gratefully help with the project development. Not only I have been able to finish the coding faster, I would have been able to make it proper and easier to revise. It would also help the group communicate better since everyone in the group knows different languages.

Overall, I feel this course fell short, although I learned the true meaning of software engineering, I feel like the course should at least help expand the knowledge of other programming languages. Although there were a lot of examples in the text and in class lectures, there seems to be missing explanation on what the meanings of the techniques were and why and how it was necessary in programming. Also there was a lot of confusion on what certain terms mean throughout the text for it was either didn't have enough explanation or was explained in a confused way. Other than that, it was a good experience to learn how to work and code with a team who did not know each other or know the same programming languages. There were many challenges on the way but we were able to manage to the end.