School of Computer Science
CS5030 - Software Engineering Principle

Individual Report

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Word Count: 379 words

In this group assignment, my group and I worked together very smoothly. Admittedly, there were some problems; member B and member D started with remote working in China, and member D left to fly from China to St Andrews only two days before the assignment deadline.

However, we regularly shared ideas on Teams and set completion dates for certain objectives. The week the assignment was posted, we started screening topics and built specific outlines on possible topics, so that the person with more deadlines could choose the part he or she was good at first. At the same time, all three of us, member A and C, and I were in St Andrews, so we were in the lab almost two to three times a week exchanging ideas and trying to synthesize ideas from the literature to improve the outline and content.

In terms of writing assignments, we were each assigned about 800 words ($4000 \div 5 = 800$):

1. Member A primarily worked on the Latest/Future Trends sections.

2. Member B primarily worked on the Challenges section.

3. Member C worked on most of the Introduction, Background, and Conclusion sections.

4. Member D worked on part of the Challenges section and part of the Latest/Future Trends sections.

5. I primarily worked on the Benefits of ITO section.

In particular, in my section – benefits of ITO, I described the significant changes that software outsourcing has brought to underdeveloped regions by looking at a large number of databases, including the U.S. Bureau of Labor Statistics, the World Bank, and many others.

In addition, I also plotted figure 3 in the article, where I plotted line graphs using data obtained from the database, and later used these data for linear regression to find the trend. After all the sections were completed, we were all involved as editors to make sure the articles were coherent and had a clear structure in as a team.

Often, if a good resource was found for someone else's section, we would share the resource in Teams and help integrate the information into the paper. As a result, our paper has a significant number of references.

In conclusion, I feel we worked very well as a team, and I am very satisfied with our final work.