Weekly report template

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Practical training course name and code: Advanced Practical Training (521027S)

Employer: Prof. Simo Hosio & Dr. Aku Visuri

Working period (start-end, number of hours): Monday 19th July – Friday 23rd July, 37.5 hours

Main tasks and duties during the period:

The most crucial task during this week was to finalize the projects we planned to be done by the end of the internship. One of these projects was "A Study on Multi-Agent non-Overlapping Pathfinding," which got rejected from IEEE CoG 2021 previously. We were required to enhance the article based on the reviews, and then submit it to another venue, titled "Future of Information and Communication Conference." Besides, I finished the data extraction for the Down Syndrome survey.

Challenges faced during the period:

Since week 8 was the last week of my internship, I was required to not only finalize the planned projects but also reach an acceptable level in two survey projects. Enhancing a paper based on reviews is already challenging for me since I have to write better, create more charts and figures, and improve the implementation. However, this week, it was harder to cope with it since I had to also focus on other projects (almost on all the projects). Context switch in a short time is arduous.

Solutions and successes:

I could apply all the reviewers' feedback to improve the article based on their priorities and successfully submitted it to the selected venue, FICC 22. So far, it was the third academic project which was done during this period. Therefore, as planned in the first days of the internship, we could cope with these three articles to wash them from our table. Also, I finished the data extraction for the Down Syndrome survey and moved with other co-authors in the Empathy survey.

Personal development:

I had the chance to challenge myself during this week to see how I can employ the priority list for enhancing the multi-agent study. I also started to practice my coding skill on the HackerRank website during the weekend. I believe competitive coding makes you focus and teach you to pay more attention to effective and clean coding. Additionally, during this week, I remembered how I planned my work with my supervisors and learned everything is possible with a good plan and great effort.

Knowledge and skills from university studies that I was able to utilize in my work:

As mentioned in previous reports, since I had the experience of reading articles, writing notes on them, and extracting data, I could finish the data extraction comfortably. I practiced these skills on the HCI course and during my part-time job as a research assistant at the university. Topics that I have learned during my studies in AI, particularly in the AI course, let me expand the article's discussion and justify well why we employed some approaches and eliminated some of them.