

Individual Project Report

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Personal Contribution

We worked great as a team and we have very good and reasonable work distribution between two of us. For me, in the earlier stage of the project, I did the market research and propose the project idea during our first few discussions. Since both of us like to play games and we agreed the business value and the rationale of developing such tool.

Two of us then discussed together on how to implement the recommendation system with the knowledge we have learnt from the course. We understand the limitation of our system and agreed on the knowledge model and the scope of our system.

Then moving on to the technical implementation of the system, I mainly handled the data crawler part to help our system to get the data we need. And defined how the data will be stored and how the knowledge is represented. Yiming did the remaining big portion of the technical construction including the fantastic UIs and the backend logic for making the recommendations.

For the non-technical part of the project including the presentation, video, report and user guide are mostly handled by me. I believe we had spent similar amount of effort in this project, with each of us focusing on different parts, we had very good communications and delivered a very good quality project with efficient teamwork.

Knowledge Learnt

With the help from Yiming, I had a better understanding of our system's technical framework with C# and JavaScript. And by reading the past year's project reports, I got to know more interesting projects also learnt how to write a proper technical project report. And most importantly, by applying the knowledge learnt from the course and through the discussion with my teammate, my domain knowledge in the area of intelligent reasoning system is expanded and reinforced.

Reflection

In my own work, we are handling all the students' data across entire Singapore, and with the big volume and comprehensive data we have, we can certainly use and apply the knowledge in helping MOE officers and school teacher to better identify student that potentially requires Special Education Need, Counselling or any other help that they might not be aware of.