

B00235610 - Individual Critical Appraisal

Summary

I think I contributed my share to this project and played a key role in its success. I provided many key features in the game including the fire fighter scenario, video playback, engage integration, building model interactions, GUIs, certification generation and leaderboard support. I also helped with the literature review when it came to the report, providing my fair share of investigation into relevant literature which we needed to form a basis for our Serious Game. We all did our fair share which is what I felt culminated to a well-made serious game and a thoroughly produced research report.

My contributions

- Providing a large chunk of the source code to the implementation of the Serious Game.
- Integrating said Serious Game with Engage the provided assessment engine.
- Helped with the literature review by adding my fair share of critical analysis into relevant literature.
- Online components including auto generated certification and a server which talks to engage for us.

My Failings

- Wish I could have spent more time on polishing the game.
- Could have played more of a role in the report.
- Could have used Engage more effectively.

What I learned

In this module I learned how to properly conduct research and also how to properly utilise and appreciate what a great tool the Unity engine is. Learning unity scripting and its architecture was extremely fun for me as it let me take advantage of my C# skills and I'm certain I will be using it in the future. Reading and finding research papers is a useful skill I have learned to. Now I'm certain I can do an in-depth literature review in a research field which will help me in any future research I take.

Conclusion

In conclusion I worked hard, contributed and played my role. If I hadn't stepped up to the mark there would have been an added work load on my teammates. I'm glad I played my role so I could enable the team rather than stall it. I have picked up new skills and intertwined them with previous ones which will help me in my career. Most importantly I now have the confidence and knowledge on how to do my own research and how to prototype large ideas and thoughts in a short space of time.