

## Re: University Module Professional Practice Project Inquiry

Kristian Putman <kristianputman@alumni.york.ac.uk>

Wed 4/17/2024 5:08 PM

To: Richard Casey (s233122) <R.Casey@UOS.AC.UK>

Mr Casey,

Without an understanding of your existing skills, this could be tricky, but I'm happy to outline a brief below and see how you get on. I will assume you're using either UE5 or Unity in C++ or C#.

Seven weeks is a reasonable amount of time to make a game, since its for educational purposes I've no doubt that you'll want a varied array of experiences which you'd be likely to encounter in the industry.

### **Brief**

You're a games programmer working in a small team, the game you're tasked with making is a puzzle/story game set in a courtroom.

The key requirements for the project are:

- The player must be presented with a login/registration, so that they can enter an email address and password to create or access an account.
- The player must be able to save their progress to that account locally or remotely.
- The players account should be validated against an online resource such as Azure Cosmos in a secure way (Cosmos is free). You must ensure that your code complies with GDPR and satisfies modern requirements such as NIST Special Publication 800-63B.
- The player should be able to make decisions in the courtroom which affect the outcome of the case.
- The player should receive a score based on how harsh or lenient they are.
- The player should be able to share their score with others via a QR code which can be saved to their device or shared on social media, this might include a fun description of how harsh they are, which can help the game to build a community.

The particulars of the games mechanics, art style and other particulars are up to you.

The skills you should look to develop include an understanding of how to write clean and compliant code, develop a scoring system which tracks to a fuzzy or subjective measure, interface with online or networked resources including a database and produce a game which the player could enjoy more than once without getting bored.

Naturally, the first step for any software developer is always to manage the clients expectations and narrow down any ambiguity in the brief such that the scope is clear to both yourself and the client. If you feel anything is unclear in the brief, your first steps should be to achieve that clarity between us.

All the best,

Kris

On Wed, 17 Apr 2024, 14:02 Richard Casey (s233122), <[R.Casey@uos.ac.uk](mailto:R.Casey@uos.ac.uk)> wrote:

Dear Kristian Putman,

I hope this email finds you in good spirits. My name is Richard Casey, and I am in the final year of my Games Development (Programming) degree at the University of Suffolk. As part of my coursework, I am engaged in a Professional Practice module that requires collaboration with industry professionals on a practical task.

Your experience as a Programmer has prompted me to reach out. I am eager to gain insights from a professional perspective and would be honoured to have you set a project brief for me. This task will be carried out over the next 7 weeks and is aimed at blending academic learning with real-world application.

Please note that this request is purely for personal educational purposes and is not intended to establish any formal commitment from yourself or any associated company. I am approaching several potential mentors with the intention of selecting a project that resonates most with my career aspirations and academic goals.

If you are open to providing this mentorship, I would be looking for:

- A concise task outline that fits within the 7-week project timeline.
- Specific goals or challenges that would enhance my understanding of gameplay programming.
- Occasional feedback, if possible, to refine the project with a professional touch.

Your expertise and guidance would be invaluable to my professional development, and I am flexible regarding timings for a conversation.

Thank you very much for considering my request. I am enthusiastic about the opportunity to learn from your experiences in the field of programming.

Best regards,

Richard Casey  
BSc (Hons) Games Development (Programming)  
University of Suffolk  
[Richard Casey - LinkedIn](#)