

Professional Practice

Meeting with Kristian Putman – Freelance Programmer

Meeting started at 11:45 AM, 15/05/2024.

Attendees:

- Richard Casey
- Kristian Putman

Meeting Duration: 1 hour and 25 minutes

Meeting Minutes:

Review of Previous Meeting and Progress Update:

- The meeting began at 11:45 AM with a review of the previous meeting held on 08/05/2024.
- I provided an update on my progress since the last meeting, highlighting the significant amount of time I invested in the project (approximately 24 hours).

Script Review and Code Improvements:

- I presented the new and updated scripts CredentialsManager.cs, JwtTokenGenerator.cs, JwtTokenValidator.cs, LoginManager.cs, MongoDBConfig.cs, MongoDBManager.cs, RefreshTokenManager.cs, and TabNavigation.cs for review.
- Kristian reviewed the LoginManager.cs script, noting the improvements and additions.
- Kris liked the clear separation of concerns in the script and the addition of feedback mechanisms for user registration and login.
- Kristian praised the integration of MongoDB for storing user credentials, emphasising the importance of securely handling user data.
- We discussed the JwtTokenGenerator.cs and JwtTokenValidator.cs scripts.
- Kristian was pleased with the secure handling of JWTs and the use of strong keys and proper token validation.
- In CredentialsManager.cs, Kristian noted the effective use of PBKDF2 for password hashing and the in-memory storage for simplicity.
- The MongoDBManager.cs script was thoroughly reviewed, with Kristian highlighting the robust error handling and clear configuration loading process.

Implementing on a Live Database:

- We discussed the next steps for moving from simulation to implementation on a live database.
- Kristian spoke to me about integrating the MongoDB setup with Unity, explaining the configuration and connection steps.
- He recommended using MongoDB Atlas for its free tier and ease of use.
- We explored the practical aspects of setting up a live database, including securing the connection strings and handling sensitive data.
- Kristian advised on creating a secure environment for development and testing, emphasising the need for environment variables to store sensitive information.

Research and Additional Resources:

- He shared a few resources, including MongoDB documentation and tutorials, to help deepen my understanding of database management and integration.

Encouragement and Future Guidance:

- Throughout the meeting, Kristian was very supportive and encouraging, expressing confidence in my progress and the quality of my work.
- He encouraged me to reach out if needed.

Confirmation of Next Meeting:

The next meeting was scheduled for Wednesday, 22nd May at 11:45 AM.

Meeting adjourned at 1:10 PM.