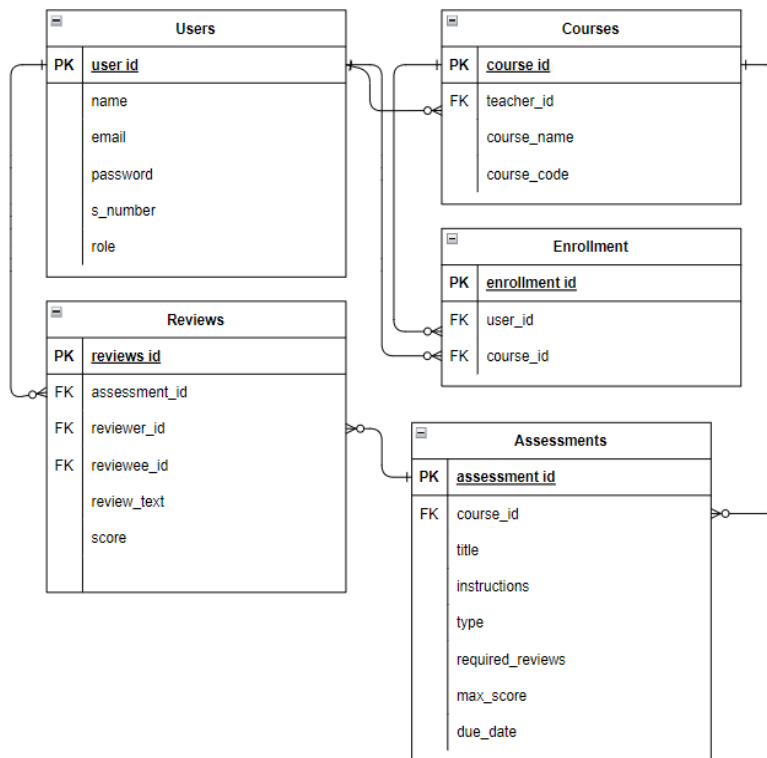


Assignment 2 – 7005ICT Programming Principles 2

ER diagram:



Reflection: To develop the web application for student peer reviews, I applied a systematic approach focusing on planning, testing, and iterative problem-solving.

- 1. Planning and Initial Setup:** I began by carefully reading the assignment requirements and breaking them down into smaller, manageable tasks. This allowed me to prioritize and organize my work effectively. After that, I created an initial ER diagram for the database and established a project structure using Laravel's built-in tools, such as migrations and seeders, to set up the database tables and insert sample data.
- 2. Development Strategy:** I structured my development process in a modular way, focusing on implementing one functionality at a time. This approach ensured that each module was thoroughly tested and fully functional before moving on to the next.
- 3. Testing:** I tested my code frequently during development. Each time I added a new feature or module, I conducted manual testing to ensure it worked correctly and interacted smoothly with other parts of the system.
- 4. Problem-Solving:** For problem-solving, I utilised AI assistance and referenced other sites. I obtained help from other websites to understand and implement certain functions.