



Unit 8: Reflection

Course: MSc Computer Science

Module: Object-Oriented Information Systems

Assignment: ePortfolio

Date: Saturday 24th July 2021

Student ID: 126853

Reflection:

During Unit 8 of the Object-Oriented Information Systems module, we covered further topics relating to database design, developing a structure for a specific scenario.

The required reading for this unit included chapters 12 & 13 of the “Database Systems: A Practical Approach to Design, Implementation, and Management” book (Connolly & Beg, 2015). These covered the usage of Entity-Relationship Diagrams and Entity Relationship modelling.

We were required to discuss SQL alternatives, such as NoSQL, comparing NoSQL against the traditional relational SQL databases.

Overall, I believe this unit has helped me further understand the techniques surrounding database design and the available alternatives.

References:

Connolly, T. & Beg, C. (2015) Database Systems: A Practical Approach to Design, Implementation, and Management. Global Edition. Edinburgh: Pearson