

MS1

I struggled at the beginning of the conceptual phase, mostly because I don't have much practice translating real world practices into ERDs. I appreciated the lesson we spent talking about Spaces in groups as it helped me get a grip on the entities and attributes and what the diagram might look like.

Milestone 1 greatly extended my knowledge about conceptual ERDS, the technical aspects of modelling and the rules and constraints, as well as the more niche techniques needed.

I needed to use inheritance for the subscription tiers, and this was the first time I needed to model entities with inheritance. I now have a greater understanding of inheritance in databases and recognise how important it is to minimise redundancy and increase efficiency for businesses.

Extended knowledge because of modelling a realistic business case.

I think during this project was the first time I properly understood cardinality, and felt confident when using it.

During the classes I took notes on all powerpoints, and I found this extremely useful, not only to reflect onto, but I feel like it engrained the information and made me much more confident. This allowed me to focus more on the business aspect of the assignment, which I really enjoyed.

MS2

For me, Milestone 2 was a massive learning journey transitioning conceptual to logical and all the rules and techniques needed to accomplish this. At the start of this semester, I feel like I didn't have a clear distinction between conceptual and logical. However, after this assignment I feel I have a very good understanding and now understand the difference between the two phases.

While building my logical design on Visual Paradigm, I was not feeling confident about getting rid of many to many relationships, however Visual Paradigm was extremely useful and created the table for me! I think I now have a good understanding of eliminating many to many relationships and I also understand why it's important.

I think that while creating my logical diagram, it got me to think more about attributes and primary keys

MS3

During the physical phase I did

Identity = auto increment

Ordering tables to execute properly

Difference between SQL and SQL server (Go)