Project Meeting 4– [03/27/25]

Meeting Information

Date: 3/27/2025

Time: 4PM-5PM

Location: Zoom

Team Members Present: Brett, Alex, Ryland, Riley, Ty, Nick

Objective

We will work together to convert our ER diagram into a fuller relational schema. We will use the formal mapping algorithms from class to outline each relation with its attributes, datatypes, primary-keys, and foreign-keys. We'll also enforce data integrity by establishing functional dependencies between our tables, finalize our relational schema diagram and start building a complete data dictionary. This ensure our database design has been properly followed up to be a logically correct and normalized documentation. We hope to leave this meeting with a finalized coherent logical schema we will turn in.

Tasks Allocated

Brett – Update glossary and write the meeting log(Due: Mar 30).

Ryland – Map ER entities to relational tables (Due: Mar 30).

Nick – Specify attributes, types, and domains (Due: Mar 30).

Riley – Identify and explain functional dependencies (Due: Mar 30).

Alex – Draft data dictionary with constraints (Due: Mar 30).

Ty – Define primary and foreign keys (Due: Mar 30).

Task Completion Confirmation

Brett – Completed Finalize and structure ER model documentation for submission.

Ryland – Completed Ensure financial data is correctly represented in the model.

Nick – Completed Design a clear, professional ER diagram using a tool.

Riley – Completed Ensure all teamwork is submitted and reviewed.

Alex – Completed Verify ER model accuracy and plan database implementation.

Ty – Completed Research ER modeling best practices and suggest improvements.