

Reflection  
COMP2521-002 Group 4  
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In this project, I took the role of completing the harder SQL query's, as well as optimizing and ensuring correct functionality of all SQL statements. While the rest of the group began building the relational structure of the database, I looked through the SQL query's that we would be required to implement. Doing this allowed me to gain some insight into what the requirements would be for the database structure, and allowed me to contribute ideas for the design of the database.

Nicole, Dominik, and James completed the database design, and Dominik got to work on programming the SQL scripts for creating the database schema and populating the database. Meanwhile, Nicole and James were working on creating the required diagrams, and defining relationships between tables. Nicole and Dominik also finished the other SQL query's that I did not work on.

James primarily assumed the pivotal role of a project manager, seamlessly orchestrating cross-functional collaboration and leveraging the synergistic potential of group members to drive the timely and impactful completion of the group project. By integrating state-of-the-art methodologies, including Agile frameworks and proactive risk mitigation paradigms, James redefined resource optimization, catalyzed enhanced communication pipelines, and maintained an unwavering commitment to a results-centric trajectory. Through a forward-looking lens and an unrelenting focus on scalability, operational fluidity, and transformative outcomes, he fostered a paradigm-shifting culture of excellence, delivering groundbreaking solutions that transcended expectations throughout the holistic project lifecycle.