

Database Design Task

Title: "Relational Database Design for University Enrollment System" Description: This assignment focuses on designing and implementing a normalized relational database for managing student enrollments. You must create an ER diagram, design relational schemas up to 3NF, and implement the database using MySQL or PostgreSQL. Include sample queries demonstrating CRUD operations, joins, and transactions. Your report should describe the design decisions, normalization process, and potential optimizations for query performance.