DS205C Database and Distributed Systems
E-Learning Platform Database System
Report
Shahramanyan Alexander, Abovyan Ara, Papyan Vram
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Database Design

One of the fundamental learnings of this project was understanding the importance of proper database design principles. We have worked hard to come up with a good database design that would allow the platform to have the intended functionality. Through this process, we've become more proficient in visualizing schemas for data around us.

Phase by Phase Progression

We learned how helpful an ERD can be throughout the database design process. Working on the project step by step allowed us to focus on specific aspects without feeling overwhelmed. It emphasized the importance of systematic progression in database development, enabling us to improve our understanding and implementation at each stage.

PostgreSQL and pgAdmin

During the last part of the project, we've used PostgreSQL to create the database and write queries. This helped us enhance our skills in SQL and get more agile in pgAdmin.

Problem-Solving

Throughout the project lifecycle, we encountered various technical challenges and unforeseen obstacles. Using different problem-solving approaches enabled us to overcome these problems as a team effectively. One of the most heartbreaking issues we couldn't wrap our heads around for quite some time was this serious Postgres limitation described [here](#).