Mini ORM framework project presentation

An overview of my project

- A mini ORM framework developed to simplify database operations

- It makes an abstraction above the JDBC code which makes development much easier and helps avoiding unnecessary complex code.

Steps I followed to make the project

- Supposed that there was a client that needed to build a mini ORM framework.

- Started to collect the requirements from that client and to ensure being precise I collected the requirements in form of use cases and UML diagrams.

- After collecting the requirements I went ahead and started implementing the library.

- After implementing all functionalities of this library I wrote test cases to ensure that all cases are covered.

Let's see a demo of how this framework works

Challenges I faced in this project

- Moving from packaging encapsulation to modular encapsulation

- Making a tradeoff between using Statement Interface and PreparedStatement interface

Resources that helped me with this project

- For Java Reflection I recommend this course

Link: [Advanced Java Topics – Java Reflection](#)

- For learning UML diagrams I recommend this YouTube playlist

Link: [Object-Oriented Design Playlist](#)

- For Software Development Lifecycle I recommend this course

Link: [Software Development Processes and Methodologies](#)

Thanks for watching :)