Database Utility App - Overview

- **Problem Statement:**

  o In Spring Boot projects, when the tables are created in the database, the corresponding Entity classes are created in the source code to perform ORM.

  o In most of the time, when we do incremental changes to the table's metadata, we fail to update and sync up the Entity class. This will cause runtime exception during the application usage. Also, getting table's metadata in a structured format (csv, xlsx) is also difficult.

- **Solution:**

  - Using this **Database Utility App,** a report will be generated which details the table's metadata and corresponding entity field's metadata.

Database Utility App – App Description

- This app has following features:
  - An **API** to get all table-entity sync up report.
  - An **API** to get a specific table-entity sync up report.
- A sample Entity class has been provided in the app. Based on the database tables, the corresponding entities can be created.
- The app contains **Junit test cases** that has 98% code coverage.
- For displaying test coverage in structured format, Jacoco plugins has been used.