**Work Protocol**

Project is online: https://github.com/dreitn/imseNew → check the commits for workload

Team: Eylül Gökce Harputluoglu 11728483

Roman Schneglberger 01127050

You can find detailed explanation about the design in the IMSE\_NoSQL\_DB file.

**Docker Compose**: docker-compose.yml is provided in the project root directory. The .jar file fills up MariaDB with some example data. Java

**Run with:** $ docker-compose up

**Web site:** You can reach the web pages with writing “localhost” in the browser. We used a ready/styled css file. (-> bootstrap.css from the Website https://datatables.net/)

**Data Filling:** The test data will be created and inserted to database in with using .jar file from M2 where we already used java class “DataGenerator.java” and you can find it in the file “java\_2/src”. The process will be executed automatically with the docker compose. 🡪 we created .jar from java application and added into docker compose

How the Main Use Case works: The database is already filled with java applications from a docker container. Users are able to rent a specific car with customer information such as customer email and they can also search a car in the database with car information. If it is not rented (all rented cars in the rent section in the system), users can rent the car successfully.

**Report Use Case:** There are all tables in the system and a user can search any attributes of any entity in any tables easily.

**Use Case 1:** In Rent-page, users can search all rents that are reserved by a specific customer.

**Use Case 2:** Users can insert a new customer and new reservations. With creating a new reservation, a new bill number for billing is automatically created.