

Databases I, Winter 2021
Milestone 2

Submission: 23/12/2021 (11:59 pm)

In this milestone, you need to check the guidelines and use the relational schema and the user stories posted.

You are required to submit a zip file, named after your team name, having the following documents:

- a) SQL files containing the script of both the data and the schema of the database.

The files will include the following:

- SQL file containing the script for tables creation and the relations between them including all needed keys, constraints and formulas.
- SQL file containing the script for inserting consistent and **real data** inside the tables that covers all the possible scenarios of the user stories, with the mandatory data mentioned in Section 1.
- SQL file containing the script for creating all the stored procedures and functions that will be used to implement all functionalities mentioned in the User Stories file. You must include a comment above each procedure or function containing the user story number and description corresponding to it. In other words, you should document your SQL file.
- SQL file containing the script for executing all stored procedures and functions in your database.

- b) The name of the procedure should be written exactly as it is mentioned in the description.

- c) A PDF file containing:

- Team members' names.
- Team members' application numbers.

Submission guidelines:

- a) Only one copy of the documents will be submitted via ONE team member.
b) Submission will be via email: csen501berlin@gmail.com

Please note that:

- Creations of the tables have to be in order, as the script will be run only once and the database should be created with all the tables at once with no errors.
- Stored procedures and functions have to be ordered according to the order of the user stories listed.
- The stored procedures and functions should have descriptive names.
- **No late** submissions will be accepted.

- It is your responsibility to make sure that the correct files are sent in the submission.
 - Not following any of the conventions, or having a problems with the order of tables creation would lead to losing marks.
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1 Data Insertion

Your file should contain insertions for at least the following:

10 Vehicles for each type.

10 customers and 5 Employees.

7 accidents covered by different insurance companies.

4 Payments that are still due with installments.

3 Gift cards already provided to different customers.

5 Extras with at least 3 different types.