

The following document covers the feature(s) of the MySQL database storing any data related to libraries and their contents, as well as the data featuring the list of employees working within designated libraries.

Any changes made to the MySQL database must be uploaded and saved in a private repository to ensure no unauthorized changes are done to the files. In the event if the files become damaged or unusable due to the interference of a third party, the creator of the database must always have a duplicate of the said database.

The database should be monitored and checked on by their creators (Radomir Tikkerbär, Ivan Reimand) or teacher. Any changes must always be exported, small or large, data export must always be done.

If either of the tables or variables have any issues preventing them from working, the one managing the database must change them using ALTER command.

The database will store the data of all personel of the library, number of books and their contents, number of employees as well as information regarding it's location or opening / closing hours. Any changes will be automatically updated via TRIGGER function or automatic data export.

Tables for personel will include each individual's name, surname, phone number, any information that defines them. Should they get promoted or demoted, their title will automatically change and any information will be extracted from each individual library.

Table regarding books will have

information of their genre, writer, short description consisting of at least 255 characters, and whether they have been purchased or rented by any of the customers or employees. The time of rental and estimated return will be automatically recorded in the database.