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Technical Documentation

The database

The database is H2 database which contains all the dynamic tables created by the user. In addition to the dynamic table there is:

• The Reference table: It contains all the table's data that will be displayed in the home page.

Each dynamic table in the database represents a certain table created by the user. These tables are recognised by their id and their name. In the database the table's name is a concatenation of the table's name chosen by the user and the table's id. For example if a table is named "table" and has the id 4, the table will be named "table_4_" in case we have two table's with the same name.

The endpoints

There are different endpoints in the application. Each endpoint represents a certain request. The request can either be GET, POST OR DELETE. They allow the user to exchange data with the database if he wants to either create a table, modify it or delete it.

Java version

The application uses the latest java 21 version

Run the application

To run the application you execute the following commands:

```
mvn package
java -jar target/WeXcel.jar
```

The Helidon web server will launch on the port 8080. http://localhost:8080/ is the URL of the application

Navigation

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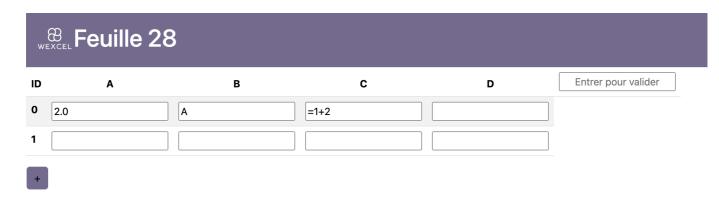
Vos feuilles



Trier par nom Trier par date de modification Trier par date de création

This image represents the home page where you have a list of all the tables created and their informations. You can delete a table by clicking on the "X" logo. You can also add a new table by entering its name in the empty field under the tables. And finally you can sort the tables by the field you want.

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This image represents an example of a table that was created by the user. Each row is identified by an id and each column is identified by a letter. You can either add values, columns or rows. You can also modify them.