

# Technical Documentation

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## 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

<b>Nom :</b> Adam <b>Date de création :</b> 28/11/2023 <b>Date de dernière modification :</b> 28/11/2023	
<b>Nom :</b> A <b>Date de création :</b> 29/11/2023 <b>Date de dernière modification :</b> 29/11/2023	
<b>Nom :</b> B <b>Date de création :</b> 29/11/2023 <b>Date de dernière modification :</b> 29/11/2023	

Entrer pour valider

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.

WEXCEL

Feuille 28

ID	A	B	C	D	Entrer pour valider
0	<input type="text" value="2.0"/>	<input type="text" value="A"/>	<input type="text" value="=1+2"/>	<input type="text"/>	
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

+

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.