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Database when the application is initiated. The first row is created from a SQL file.

The screenshot shows a database client interface. On the left, a tree view displays the database structure: jdbc:h2:mem:hpelsmxDB, USER_INFO (with columns ID, EMAIL, FIRST_NAME, LAST_NAME, PHONE_NUMBER, and Indexes), INFORMATION_SCHEMA, and Users. The main area shows the SQL statement 'SELECT * FROM USER_INFO;' and its result. The result is a table with one row: ID 1, EMAIL johnmathew@gmail.com, FIRST_NAME John, LAST_NAME Mathew, and PHONE_NUMBER 900000001. Below the table, it indicates '(1 row, 2 ms)' and an 'Edit' button.

ID	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER
1	johnmathew@gmail.com	John	Mathew	900000001

POST request to create a user from Postman

The screenshot shows a Postman interface for a POST request to 'http://localhost:8080/userinfo/add'. The request body is a JSON object with the following fields: first_name: 'Atalanta', last_name: 'Miguel', phone_number: '900000001', and email: 'atalantamiguel@gmail.com'. The response is also a JSON object with the following fields: id: 2, first_name: 'Atalanta', last_name: 'Miguel', phone_number: '900000001', and email: 'atalantamiguel@gmail.com'. The status is 200 OK, time is 194 ms, and size is 366 B.

```
{
  "first_name": "Atalanta",
  "last_name": "Miguel",
  "phone_number": "900000001",
  "email": "atalantamiguel@gmail.com"
}
```

```
{
  "id": 2,
  "first_name": "Atalanta",
  "last_name": "Miguel",
  "phone_number": "900000001",
  "email": "atalantamiguel@gmail.com"
}
```

Creating a new user from the frontend

Create User

First Name

Atalanta

Last Name

Miguel

Phone Number

900000001

Email

atalantamiguel@gmail.com

Add User

Screenshot of H2 dashboard with the inserted user.

jdbc:h2:mem:hpelsmxDB

USER_INFO

INFORMATION_SCHEMA

Users

H2 2.1.214 (2022-06-13)

RunRun SelectedAuto completeClearSQL statement:

SELECT * FROM USER_INFO|

SELECT * FROM USER_INFO;

ID	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER
1	johnmathew@gmail.com	John	Mathew	900000001
2	atalantamiguel@gmail.com	Atalanta	Miguel	900000001

(2 rows, 1 ms)

Edit

Screenshot from our frontend with all the users

First Name

Last Name

Phone Number

Email

Add User

Users

John Mathew
johnmathew@gmail.com - 900000001

Atalanta Miguel
atalantamiguel@gmail.com - 900000001

Possibility to edit and remove a user.

Edit User

First Name

Atalanta

Last Name

Miguel

Phone Number

900000001

Email

atalantamiguel@gmail.com

Save

Cancel

Remove