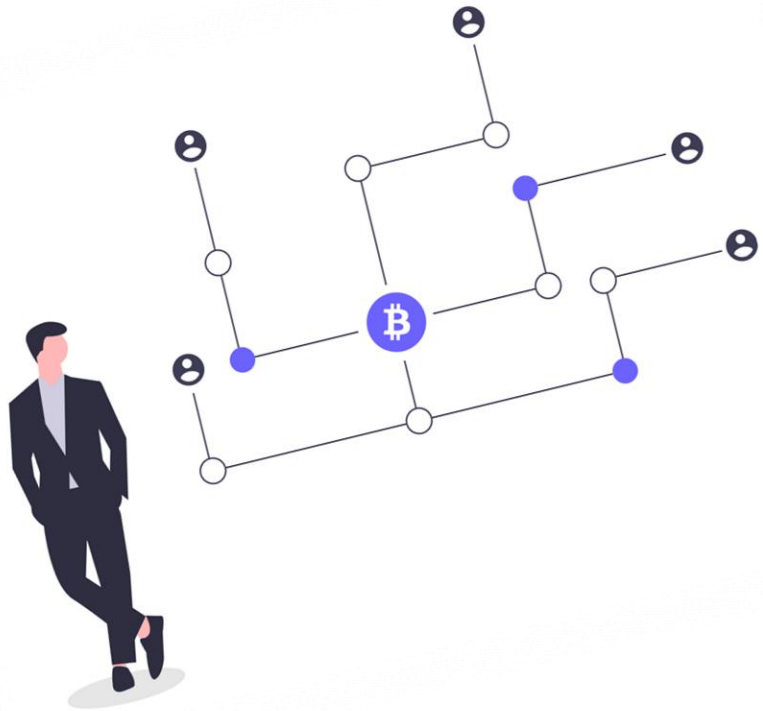
Sujet N° 14 - projet "Student Tool #1 : postgresql GUI"



AUTEURS:

MEGBLETO Carnel

MAKITA Andreich Vertus

Etapes de conception de l'Application

Prises de connaissance du cahier des charges

Réalisation d'une maquette du produit fini

Choix des technologies a utiliser

Réalisation du produit fini conformément au attendue du projet

Technologies et Langages Utiliser

POSTGRES

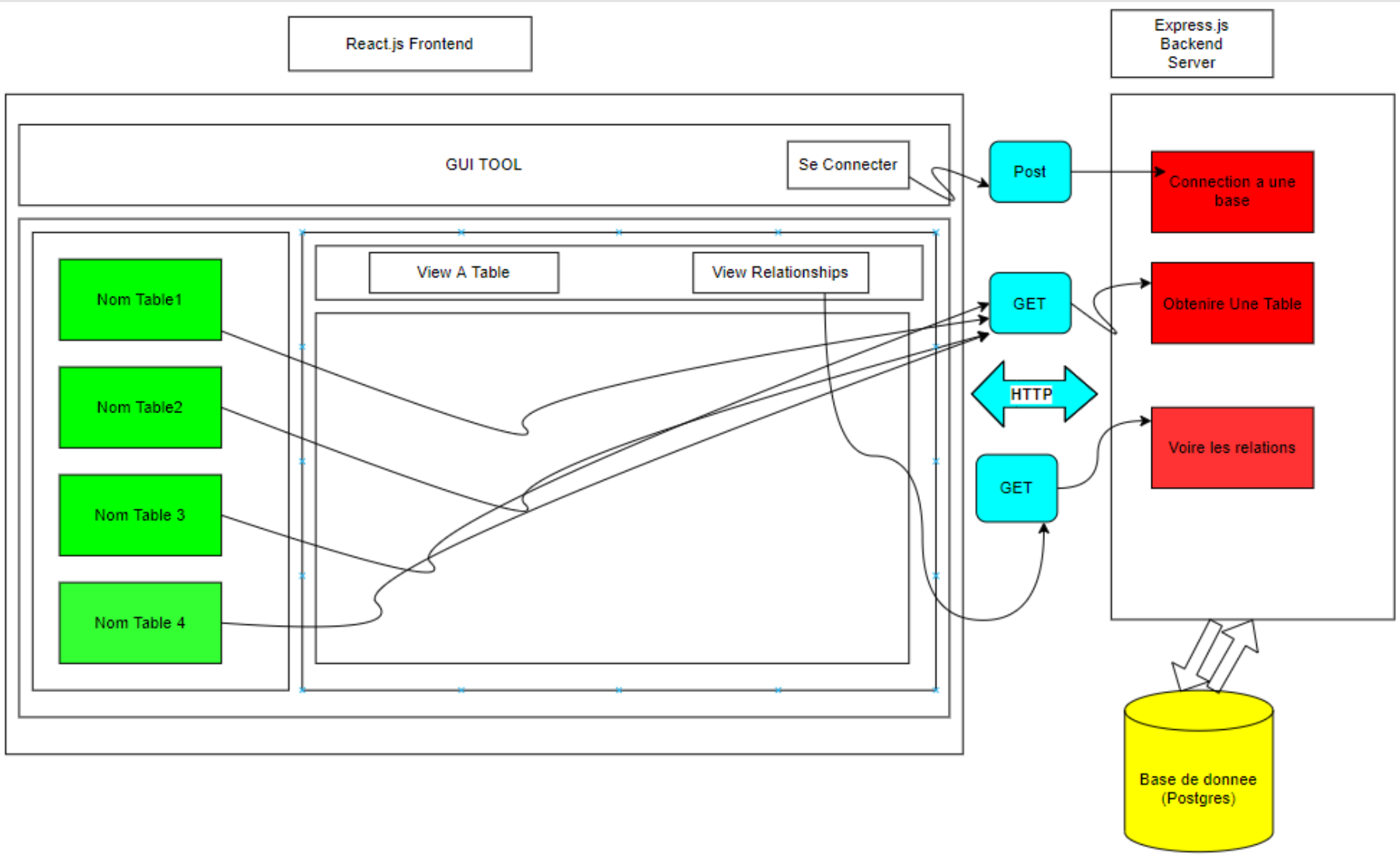
EXPRESS.JS

REACT.JS

NODE.JS

PERN (STACK)

Diagram Montrant le fonctionnement de l'application



Routes Pour notre API, Type de requête et Réponses Produites

- Obtenire le nom des tables
- requête HTTP GET Vers:
- http://localhost:5000/api/tables


```
[
    {
        "table_name": "paiement"
    },
    {
        "table_name": "salles"
    },
    {
        "table_name": "cb"
    },
    {
        "table_name": "materiels"
    },
    {
        "table_name": "planning_salles"
    },
    {
        "table_name": "reservations"
    },
    {
        "table_name": "factures"
    },
    {
        "table_name": "clients"
    },
```

- Obtenire les details sur les attributs present dans une tables.

- requête HTTP GET Vers:

- http://localhost:5000/api/fullsend/clients


```
[
    {
        "number": 1,
        "name": "idclient",
        "attnum": 1,
        "notnull": true,
        "type": "integer",
        "primarykey": "true",
        "uniquekey": "false",
        "foreignkey": "false",
        "foreignkey_fieldnum": null,
        "foreignkey_connnum": null
    },
    {
        "number": 2,
        "name": "nom",
        "attnum": 2,
        "notnull": true,
        "type": "character varying(30)",
        "primarykey": "false",
        "uniquekey": "false",
        "foreignkey": "false",
        "foreignkey_fieldnum": null,
        "foreignkey_connnum": null
    },
    {
        "number": 3,
```

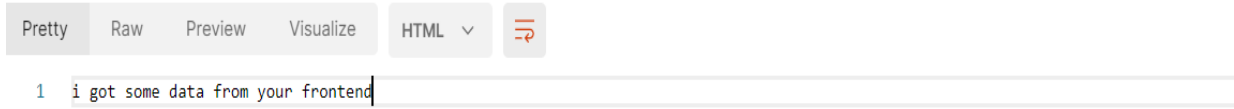
- Obtenire les details sur la provenance des clés étrangères.

- requête HTTP GET Vers:

- http://localhost:5000/api/foreignkey/reservations


```
[
    {
        "table_schema": "public",
        "constraint_name": "fk_id_client",
        "table_name": "reservations",
        "column_name": "idclient",
        "foreign_table_schema": "public",
        "foreign_table_name": "clients",
        "foreign_column_name": "idclient"
    },
    {
        "table_schema": "public",
        "constraint_name": "fk_id_client",
        "table_name": "reservations",
        "column_name": "idclient",
        "foreign_table_schema": "public",
        "foreign_table_name": "clients",
        "foreign_column_name": "idclient"
    },
    {
        "table_schema": "public",
        "constraint_name": "fk_id_client",
        "table_name": "reservations",
        "column_name": "idclient",
        "foreign_table_schema": "public",
        "foreign_table_name": "clients",
        "foreign_column_name": "idclient"
```

- Uilliser pour envoyer des données de connexon depuis le frontend.

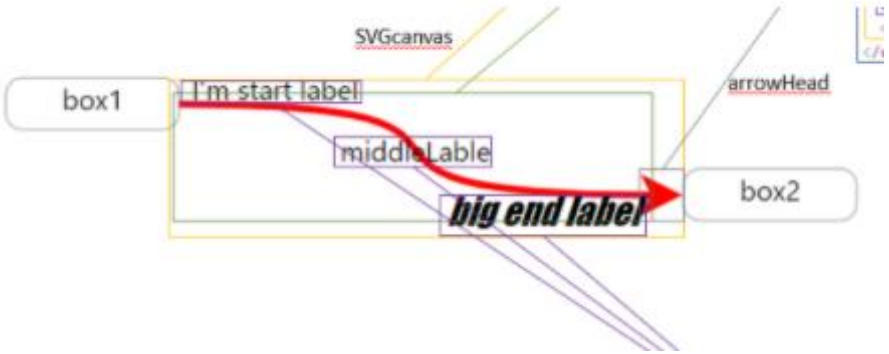


- requête HTTP POST Vers:

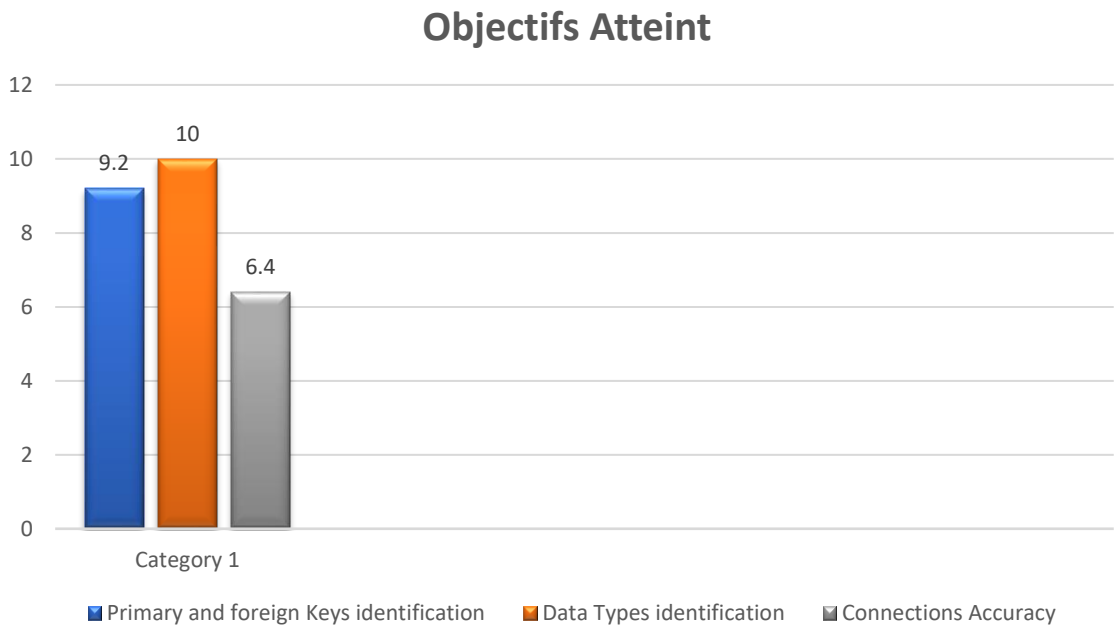
- http://localhost:5000/api/submit

React X-arrows fonctionnement

```
 <Xarrow
        start={box1Ref} //can be
react ref
        end="elem2" //or an id
       />
```



Conclusion



Merci
pour votre attention