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

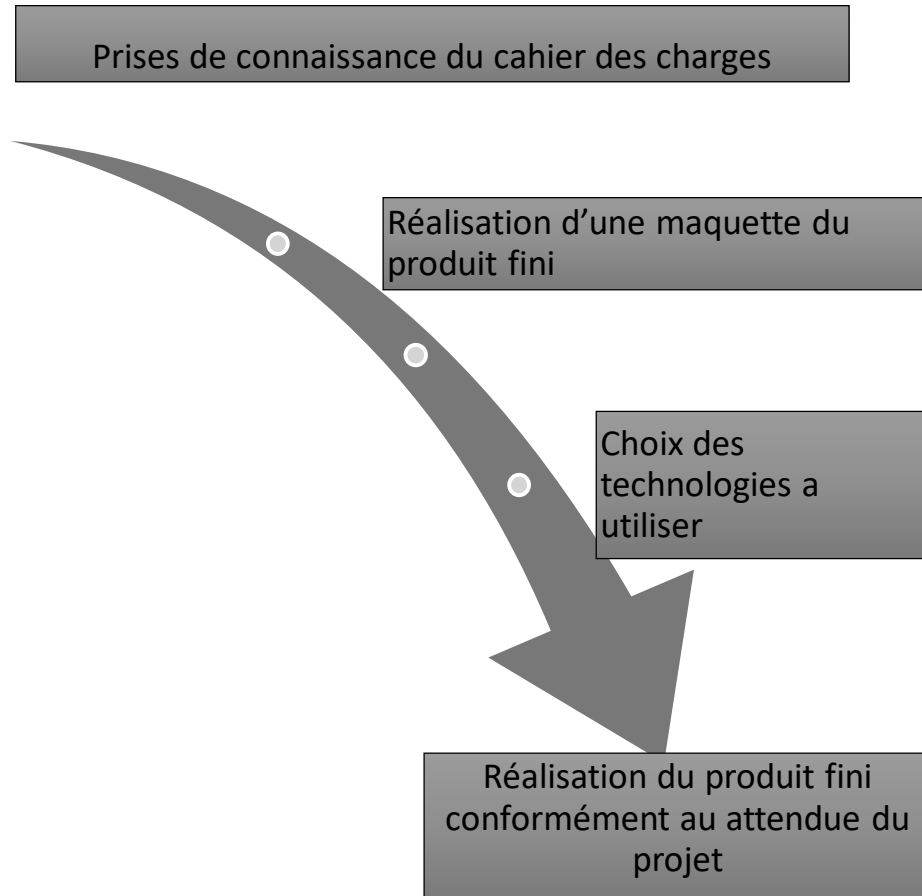AUTEURS:

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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

Mon projet ...

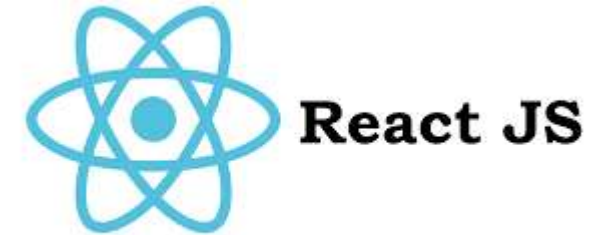# Technologies et Langages Utiliser
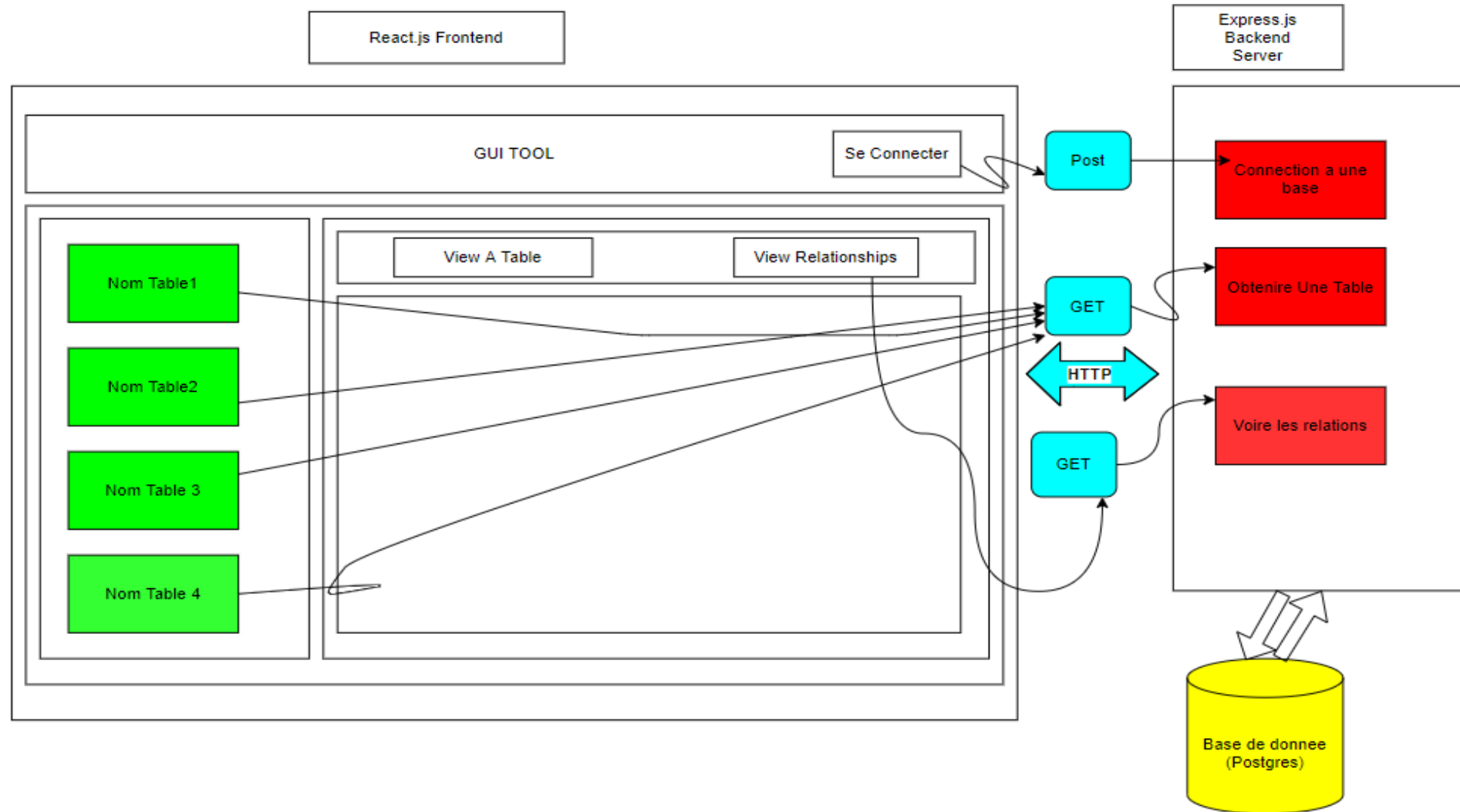
POSTGRES
EXPRESS.JS
REACT.JS
NODE.JS

PERN (STACK)

Diagram Montrant le fonctionnement de l'application

Routes Pour notre API, Type de requête et Réponses Produites

- Obtenir le nom des tables

- requête HTTP GET Vers:

- http://localhost:5000/api/tables

```json
1   [
2       {
3           "table_name": "paiement"
4       },
5       {
6           "table_name": "salles"
7       },
8       {
9           "table_name": "cb"
10      },
11      {
12          "table_name": "materiels"
13      },
14      {
15          "table_name": "planning_salles"
16      },
17      {
18          "table_name": "reservations"
19      },
20      {
21          "table_name": "factures"
22      },
23      {
24          "table_name": "clients"
25      },
```
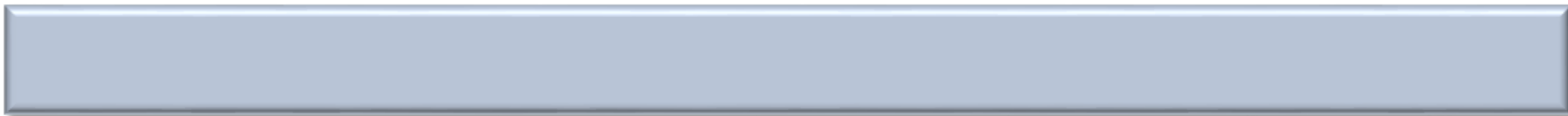
- Obtenire les details sur les attributs present dans une tables.

- requête HTTP GET Vers:

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

```
 1  [
 2      {
 3          "number": 1,
 4          "name": "idclient",
 5          "attnum": 1,
 6          "notnull": true,
 7          "type": "integer",
 8          "primarykey": "true",
 9          "uniquekey": "false",
10          "foreignkey": "false",
11          "foreignkey_fieldnum": null,
12          "foreignkey_connnum": null
13      },
14      {
15          "number": 2,
16          "name": "nom",
17          "attnum": 2,
18          "notnull": true,
19          "type": "character varying(30)",
20          "primarykey": "false",
21          "uniquekey": "false",
22          "foreignkey": "false",
23          "foreignkey_fieldnum": null,
24          "foreignkey_connnum": null
25      },
26      {
27          "number": 3,
```

- Obtenire les details sur la provenance des clés étrangères.

- requête HTTP GET Vers:

- http://localhost:5000/api/foreign key/reservations

```
1  [
2     {
3        "table_schema": "public",
4        "constraint_name": "fk_id_client",
5        "table_name": "reservations",
6        "column_name": "idclient",
7        "foreign_table_schema": "public",
8        "foreign_table_name": "clients",
9        "foreign_column_name": "idclient"
10    },
11    {
12        "table_schema": "public",
13        "constraint_name": "fk_id_client",
14        "table_name": "reservations",
15        "column_name": "idclient",
16        "foreign_table_schema": "public",
17        "foreign_table_name": "clients",
18        "foreign_column_name": "idclient"
19    },
20    {
21        "table_schema": "public",
22        "constraint_name": "fk_id_client",
23        "table_name": "reservations",
24        "column_name": "idclient",
25        "foreign_table_schema": "public",
26        "foreign_table_name": "clients",
27        "foreign_column_name": "idclient"
```
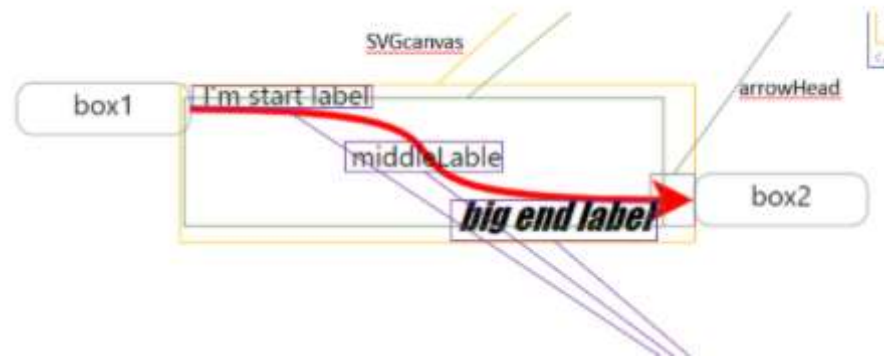
- Uilliser pour envoyer des données de connexon depuis le frontend.

-     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

Objectifs Atteint

Merci
pour votre attention