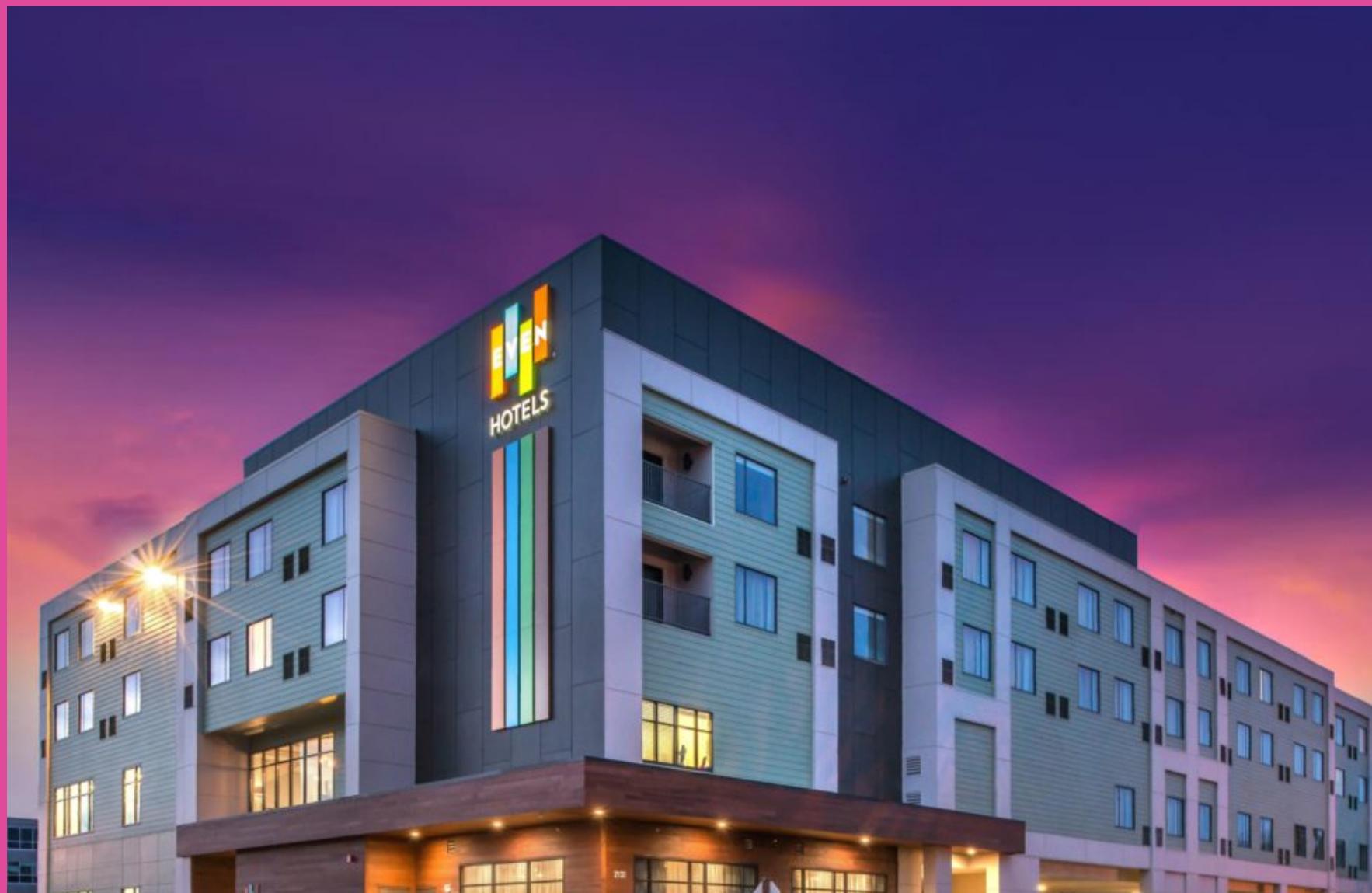


# Gestion Hôtelière

BAKH YAYE HOTEL



# NOTRE ÉQUIPE

Fatimatou Zahra TALL

Adji Fatou Diop

Maréme Ndiaye

Mame Fatou Wade

Faty Sow

# Objectifs du projet



*Rendre plus simple la réservation des clients*

*Proposition d'une application mobile et desktop permettant de representer les fonctionnalités de l'application existante*

*Assurer un enregistrement sécurisé des données des clients*

# Organisation de l'équipe

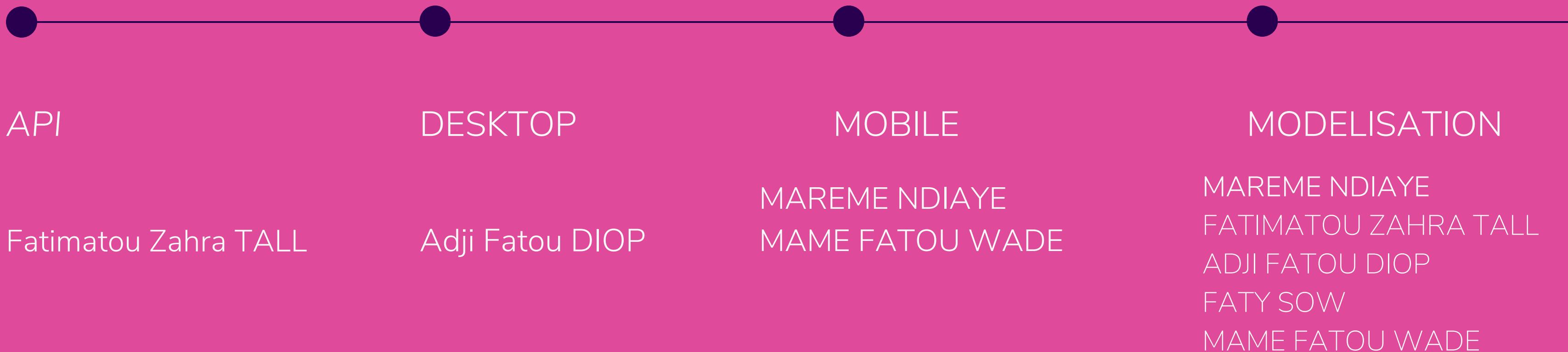
1

Affectation de  
tâches

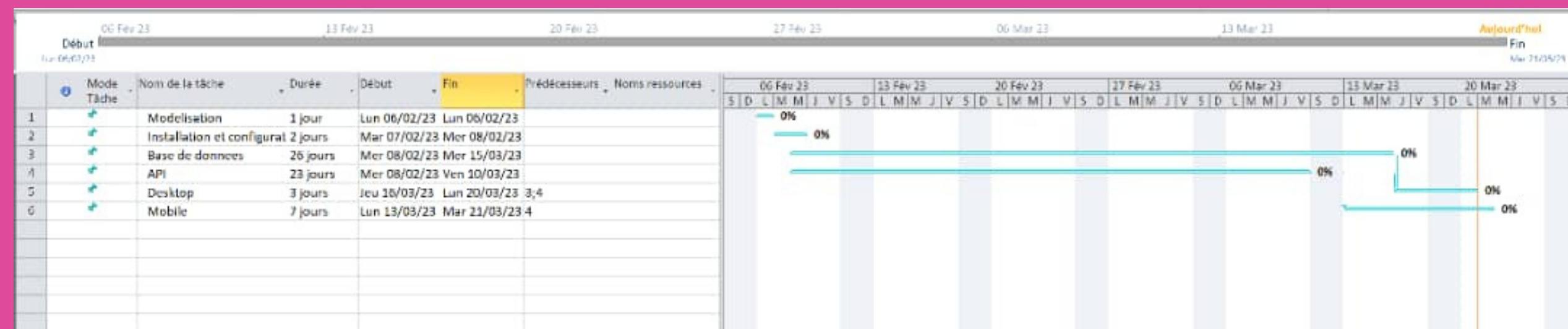
2

Diagramme de  
Gantt

# Affectionation de taches



# Diagramme de Gantt



# Paramètres de l'environnement matériel de test



# API

DESKTOP-TU3D4TF	Renommer
HP 250 G8 Notebook PC	
ⓘ Spécifications de l'appareil	Copier
Nom de l'appareil	DESKTOP-TU3D4TF
Processeur	11th Gen Intel(R) Core(TM) i5-1135G7 @ 2.40GHz 2.42 GHz
Mémoire RAM installée	8,00 Go (7,75 Go utilisable)
ID de périphérique	9681A879-250D-474D-A70D-8DB3E3C732F0
ID de produit	00330-52796-32109-AAOEM
Type du système	Système d'exploitation 64 bits, processeur x64
Stylet et fonction tactile	La fonctionnalité d'entrée tactile ou avec un stylet n'est pas disponible sur cet écran

# APPLICATION MOBILE

## Système > Informations système

DESKTOP-K4PVE0V  
82L9

[Renommer ce PC](#)

### Spécifications de l'appareil

[Copier](#)

Nom de l'appareil	DESKTOP-K4PVE0V
Processeur	11th Gen Intel(R) Core(TM) i5-11300H @ 3.10GHz 3.11 GHz
Mémoire RAM installée	8,00 Go (7,79 Go utilisable)
ID de périphérique	587AB99A-F2EA-40B2-835E-525CAF78813
ID de produit	00330-80000-00000-AA626
Type du système	Système d'exploitation 64 bits, processeur x64
Stylet et fonction tactile	La fonctionnalité d'entrée tactile ou avec un stylet n'est pas disponible sur cet écran

[Liens connexes](#)   [Domaine ou groupe de travail](#)   [Protection du système](#)   [Paramètres avancés du système](#)



### Spécifications de Windows

[Copier](#)

Édition	Windows 11 Professionnel
Version	22H2
Installé le	13/02/2023
Build du système d'exploitation	22621.1413
Expérience	Windows Feature Experience Pack 1000.22639.1000.0
Contrat de services Microsoft	
Termes du contrat de licence logiciel Microsoft	

# APPLICATION DESKTOP

## Spécifications de l'appareil

Nom de l'appareil	DESKTOP-SUSA7L2
Processeur	Intel(R) Core(TM) i5-4300U CPU @ 1.90GHz 2.50 GHz
Mémoire RAM installée	8,00 Go (7,69 Go utilisable)
ID de périphérique	471CC662-79EA-4089-A163-FBAEF8D23038
ID de produit	00331-10000-00001-AA126
Type du système	Système d'exploitation 64 bits, processeur x64
Stylet et fonction tactile	La fonctionnalité d'entrée tactile ou avec un stylet n'est pas disponible sur cet écran

# BASE DE DONNEES

Oracle VM VirtualBox - Gestionnaire de machines

**Outils**

**UBUNTU20** 64 bits Éteinte

**ubuntu0** 64 bits En fonction

**Général**

Nom : ubuntu0  
Système d'exploitation : Ubuntu (64-bit)

**System**

Mémoire vive : 2048 Mo  
Ordre d'amorçage : Disquette, Optique, Disque dur  
Accélération : Pagination imbriquée, Paravirtualisation KVM

**Affichage**

**Stockage**

Contrôleur : IDE  
Maître primaire IDE : [Lecteur optique] Vide  
Maître secondaire IDE : [Lecteur optique] Vide  
Contrôleur : SATA  
Port SATA 0 : ubuntu0.vdi (Normal, 25,00 Gio)

**Audio**

Pilote hôte : Par défaut  
Contrôleur : ICH AC97

**Réseau**

Interface 1: Intel PRO/1000 MT Desktop (NAT)

**USB**

Contrôleur USB : OHCI, EHCI  
Filtres de périphérique : 0 (0 actif)

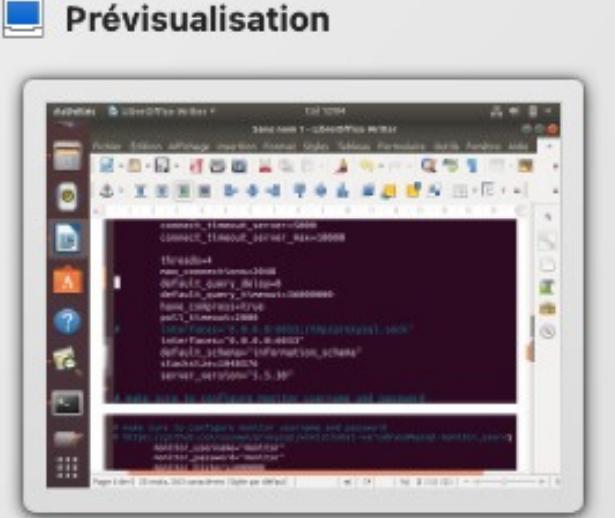
**Dossiers partagés**

Aucun

**Description**

Aucune

**Prévisualisation**





## MacBook Air

Retina, 13-inch, 2020

Nom	MacBook Air de fatima sow
Processeur	1,1 GHz Intel Core i3 double cœur
Graphisme	Intel Iris Plus Graphics 1536 Mo
Mémoire	8 Go 3733 MHz LPDDR4X
Numéro de série	FVFDH1UUMNHR
Couverture expirée	<a href="#">Détails...</a>

### macOS



macOS Ventura

Version 13.2.1

### Moniteurs



Écran Retina intégré

13,3 pouces (2560 × 1600)

[Réglages d'affichage...](#)

### Stockage



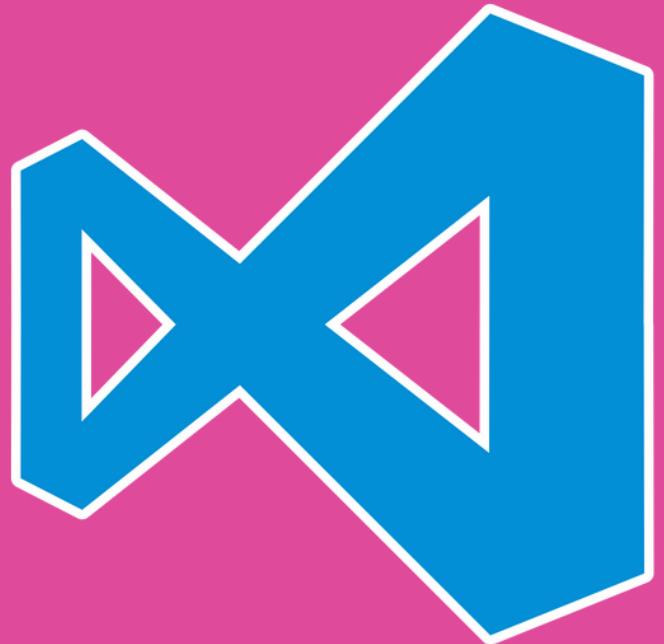
Macintosh HD

72,92 Go de libres sur 250,69 Go



Paramètres de configuration

- Outils de développement



Visual Studio Code



Android Studio



WAMPP

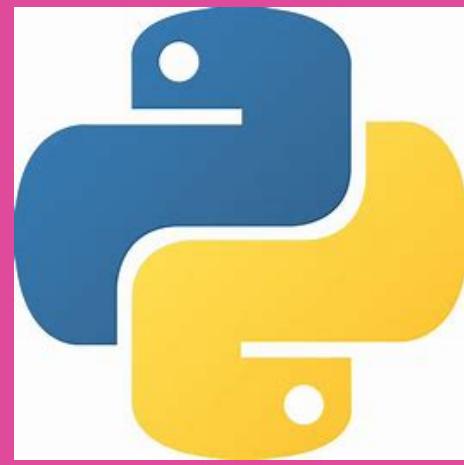


MSYS2

- Langages de programmation



GO



PYTHON



Dart

## Capture des différents modules

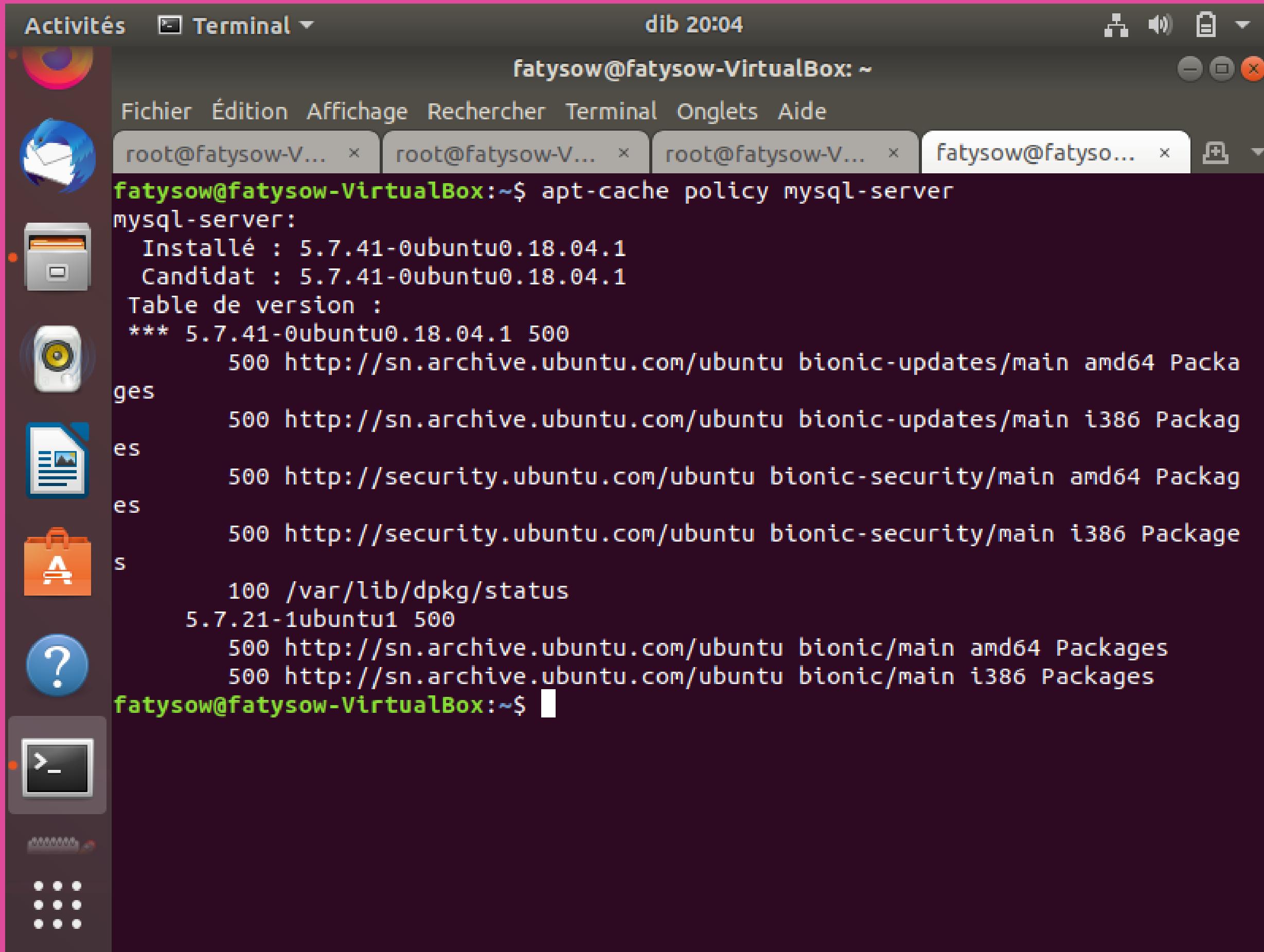
# Module Base de données

Activités Terminal dib 20:04  
fatysow@fatysow-VirtualBox: ~

Fichier Édition Affichage Rechercher Terminal Onglets Aide

root@fatysow-V... × root@fatysow-V... × root@fatysow-V... × fatysow@fatyso... ×

```
fatysow@fatysow-VirtualBox:~$ apt-cache policy mysql-server
mysql-server:
  Installé : 5.7.41-0ubuntu0.18.04.1
  Candidat : 5.7.41-0ubuntu0.18.04.1
  Table de version :
    *** 5.7.41-0ubuntu0.18.04.1 500
          500 http://sn.archive.ubuntu.com/ubuntu bionic-updates/main amd64 Packages
          500 http://sn.archive.ubuntu.com/ubuntu bionic-updates/main i386 Packages
          500 http://security.ubuntu.com/ubuntu bionic-security/main amd64 Packages
          500 http://security.ubuntu.com/ubuntu bionic-security/main i386 Packages
          100 /var/lib/dpkg/status
  5.7.21-1ubuntu1 500
          500 http://sn.archive.ubuntu.com/ubuntu bionic/main amd64 Packages
          500 http://sn.archive.ubuntu.com/ubuntu bionic/main i386 Packages
fatysow@fatysow-VirtualBox:~$
```



GNU nano 2.9.3 /etc/mysql/mysql.conf.d/mysqld.cnf Modifié

```
[mysqld_safe]
socket      = /var/run/mysqld/mysqld.sock
nice        = 0

[mysqld]
#
# * Basic Settings
#
user        = mysql
pid-file    = /var/run/mysqld/mysqld.pid
socket      = /var/run/mysqld/mysqld.sock
port        = 3306
basedir     = /usr
datadir     = /var/lib/mysql
tmpdir      = /tmp
lc-messages-dir = /usr/share/mysql
skip-external-locking
#
# Instead of skip-networking the default is now to listen only on
# localhost which is more compatible and is not less secure.
bind-address = 0.0.0.0
#
```

```
root@fatysow-VirtualBox:~# systemctl status mysql
● mysql.service - MySQL Community Server
  Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset: e
  Active: active (running) since Mon 2023-03-20 17:59:03 GMT; 7s ago
    Process: 13240 ExecStart=/usr/sbin/mysqld --daemonize --pid-file=/run/mysqld/
    Process: 13231 ExecStartPre=/usr/share/mysql/mysql-systemd-start pre (code=ex
  Main PID: 13242 (mysqld)
     Tasks: 29 (limit: 2318)
    CGroup: /system.slice/mysql.service
              └─13242 /usr/sbin/mysqld --daemonize --pid-file=/run/mysqld/mysqld.p

mar 20 17:58:59 fatysow-VirtualBox systemd[1]: Starting MySQL Community Server.
mar 20 17:59:03 fatysow-VirtualBox systemd[1]: Started MySQL Community Server.
lines 1-12/12 (END)
```

```
mysql> STOP SLAVE;
Query OK, 0 rows affected, 1 warning (0,01 sec)

mysql> CHANGE MASTER TO MASTER_HOST='127.0.0.1', MASTER_USER='replication_user'
      , MASTER_PASSWORD='1234', MASTER_LOG_FILE='mysql-bin.000001', MASTER_LOG_POS=419;
Query OK, 0 rows affected, 2 warnings (0,14 sec)

mysql> START SLAVE;
Query OK, 0 rows affected (0,01 sec)

mysql> SHOW DATABASES;
+-----+
| Database      |
+-----+
| information_schema |
| Hotelerie     |
| mysql          |
| performance_schema |
| sys            |
+-----+
5 rows in set (0,02 sec)
```

```
mysql> show tables;
+-----+
| Tables_in_Hotelerie |
+-----+
| Chambre             |
| Facture             |
| Reservation         |
| Statistique         |
| client              |
+-----+
5 rows in set (0,00 sec)
```

```
mysql> █
```

Activités

Terminal ▾

dib 20:02



fatysow@fatysow-VirtualBox: ~

Fichier Édition Affichage Rechercher Terminal Onglets Aide

root@fatysow-V... ×

root@fatysow-V... ×

root@fatysow-V... ×

fatysow@fatyso... ×



fatysow@fatysow-VirtualBox:~\$ apt-cache policy proxysql

proxysql:

  Installé : 2.5.1

  Candidat : 2.5.1

  Table de version :

  \*\*\* 2.5.1 100

                100 /var/lib/dpkg/status

fatysow@fatysow-VirtualBox:~\$ █



GNU nano 2.9.3

/etc/proxysql.cnf

```
datadir="/var/lib/proxysql"
errorlog="/var/lib/proxysql/proxysql.log"

admin_variables=
{
    admin_credentials="admin:admin;cluster_admin:cluster_admin_password"
#    mysql_ifaces="127.0.0.1:6032;/tmp/proxysql_admin.sock"
#    mysql_ifaces="0.0.0.0:6032"
#    refresh_interval=2000
#    debug=true
}

mysql_variables-
```

```
}
```

```
mysql_variables=
```

```
{
```

```
    read_timeout=5000
```

```
    write_timeout=5000
```

```
    connect_timeout_server=5000
```

```
    connect_timeout_server_max=10000
```

```
    threads=4
```

```
    max_connections=2048
```

```
    default_query_delay=0
```

```
    default_query_timeout=36000000
```

```
    have_compress=true
```

```
    poll_timeout=2000
```

```
#
```

```
    interfaces="0.0.0.0:6033;/tmp/proxysql.sock"
```

```
    interfaces="0.0.0.0:6033"
```

```
    default_schema="information_schema"
```

```
    stacksize=1048576
```

```
    server_version="5.5.30"
```

```
# make sure to configure monitor username and password
```

```
# make sure to configure monitor username and password
# https://github.com/sysown/proxysql/wiki/Global-variables#mysql-monitor_usern$monitor_username="monitor"
monitor_password="monitor"
monitor_history=600000
monitor_connect_interval=60000
monitor_ping_interval=10000
monitor_read_only_interval=1500
monitor_read_only_timeout=500
ping_interval_server_msec=120000
ping_timeout_server=500
commands_stats=true
sessions_sort=true
connect_retries_on_failure=10
}
```

```
#      { address="127.0.0.2" , port=3306 , hostgroup=1 },
#      { address="127.0.0.3" , port=3306 , hostgroup=1 },
#      { address="127.0.0.4" , port=3306 , hostgroup=1 },
#      { address="/var/lib/mysql/mysql.sock" , port=0 , hostgroup=1 }
{ address="127.0.0.1" , port=3306 , hostgroup=10, max_connections=100},
{ address="127.0.0.1" , port=3307 , hostgroup=10, max_connections=100},
{ address="127.0.0.1" , port=3308 , hostgroup=10, max_connections=100}

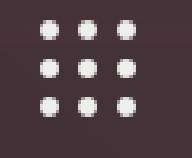
)
```

```
mysql_users:
(
#      {
#          username = "username" # no default , required
#          password = "password" # default: ''
#          default_hostgroup = 0 # default: 0
#          active = 1           # default: 1
#      },
#      {
#          username = "root"
#          password = ""
#          default_hostgroup = 0
#          max_connections=1000
#          default_schema="test"
#          active = 1
#      },
#      {
#          username = "myuser" , password = "mypassword" , default_hostgroup = 10
#      }
)
```

Activités

Terminal ▾

dib 20:11



root@fatysow-VirtualBox: ~

Fichier Édition Affichage Rechercher Terminal Onglets Aide

root@fatysow-V... x

root@fatysow-V... x

root@fatysow-V... x

root@fatysow-Vi... x



GNU nano 2.9.3

/etc/proxysql.cnf

Modifié

```
mysql_replication_hostgroups=
(
#
#      {
#          writer_hostgroup=30
#          reader_hostgroup=40
#          comment="test repl 1"
#
#      },
#
#      {
#          writer_hostgroup=50
#          reader_hostgroup=60
#          comment="test repl 2"
#
#      }
{writer_hostgroup=10, reader_hostgroup=20,comment="Hotelerie"} )
```

# http://www.hyperrealm.com/libconfig/libconfig\_manual.html#Configuration-File\$

#

# Below is the BNF grammar for configuration files. Comments and include direc\$

#

^G Aide

^X Quitter

^O Écrire

^R Lire fich.

^W Chercher

^V Remplacer

^K Couper

^U Coller

^J Justifier

^T Orthograp.

```
root@fatysow-V... ✘ root@fatysow-V... ✘ root@fatysow-V... ✘ root@fatysow-Vi... ✘ +  
root@fatysow-VirtualBox:~# mysql -u myuser -p -h 127.0.0.1 -p --prompt='ProxySQLAsmin>'  
Enter password:  
Welcome to the MySQL monitor. Commands end with ; or \g.  
Your MySQL connection id is 4903  
Server version: 5.7.41-0ubuntu0.18.04.1-log (Ubuntu)  
  
Copyright (c) 2000, 2023, Oracle and/or its affiliates.  
  
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affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
ProxySQLAsmin>
```

```
mysql_users:
(
#      {
#          username = "username" # no default , required
#          password = "password" # default: ''
#          default_hostgroup = 0 # default: 0
#          active = 1           # default: 1
#      },
#      {
#          username = "root"
#          password = ""
#          default_hostgroup = 0
#          max_connections=1000
#          default_schema="test"
#          active = 1
#      },
#      {
#          username = "myuser" , password = "mypassword" , default_hostgroup = 10
#      }
)
```

Activités Terminal dib 20:11

root@fatysow-VirtualBox: ~

Fichier Édition Affichage Rechercher Terminal Onglets Aide

root@fatysow-V... x root@fatysow-V... x root@fatysow-V... x root@fatysow-V... x

GNU nano 2.9.3 /etc/proxysql.cnf Modifié

```
mysql_replication_hostgroups=
(
#
#      {
#          writer_hostgroup=30
#          reader_hostgroup=40
#          comment="test repl 1"
#
#      },
#
#      {
#          writer_hostgroup=50
#          reader_hostgroup=60
#          comment="test repl 2"
#
#      }
{writer_hostgroup=10, reader_hostgroup=20,comment="Hotelerie"}
```

# http://www.hyperrealm.com/libconfig/libconfig\_manual.html#Configuration-File\$

#

# Below is the BNF grammar for configuration files. Comments and include directives are supported.

#

^G Aide ^O Écrire ^W Chercher ^K Couper ^J Justifier  
^X Quitter ^R Lire fich. ^V Remplacer ^U Coller ^T Orthograp.

```
root@fatysow-V... × root@fatysow-V... × root@fatysow-V... × root@fatysow-Vi... ×
root@fatysow-VirtualBox:~# mysql -u myuser -p -h 127.0.0.1 -p --prompt='ProxySQLAsmin>'  
Enter password:  
Welcome to the MySQL monitor. Commands end with ; or \g.  
Your MySQL connection id is 4903  
Server version: 5.7.41-0ubuntu0.18.04.1-log (Ubuntu)  
  
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owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
ProxySQLAsmin>
```

Activités Terminal

alt 17:16

root@fatysow-VirtualBox: ~

Fichier Édition Affichage Rechercher Terminal Onglets Aide

root@fatysow-V... x

root@fatysow-V... x

root@fatysow-V... x

root@fatysow-Vi... x

+ -

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
ProxySQLAsmin>SET @@GLOBAL.ENFORCE_GTID_CONSISTENCY =WARN;  
Query OK, 0 rows affected (0,00 sec)
```

```
ProxySQLAsmin>SET @@GLOBAL.ENFORCE_GTID_CONSISTENCY =ON;  
Query OK, 0 rows affected (0,00 sec)
```

```
ProxySQLAsmin>SET @@GLOBAL.GTID_MODE = OFF_PERMISSIVE;  
Query OK, 0 rows affected (0,00 sec)
```

```
ProxySQLAsmin>SET @@GLOBAL.GTID_MODE = ON_PERMISSIVE;  
Query OK, 0 rows affected (0,00 sec)
```

```
ProxySQLAsmin>SHOW STATUS LIKE 'ONGOING_ANONYMOUS_TRANSACTION_COUNT';  
+-----+-----+  
| Variable_name | Value |  
+-----+-----+  
| Ongoing_anonymous_transaction_count | 0 |  
+-----+-----+  
1 row in set (0,15 sec)
```

```
ProxySQLAsmin>SET @@GLOBAL.GTID_MODE = ON;  
Query OK, 0 rows affected (0,00 sec)
```

```
ProxySQLAsmin>STOP SLAVE ;
```

```
Enter password:
```

```
Welcome to the MySQL monitor. Commands end with ; or \g.
```

```
Your MySQL connection id is 38609
```

```
Server version: 5.7.41-0ubuntu0.18.04.1 (Ubuntu)
```

```
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
```

```
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owners.
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
mysql> create user noeud1 identified by '1234';
```

```
Query OK, 0 rows affected (0,61 sec)
```

```
mysql> create user noeud2 identified by '1234';
```

```
Query OK, 0 rows affected (0,00 sec)
```

```
mysql> create user 'MASTER'@'localhost' identified by '1234';
Query OK, 0 rows affected (0,00 sec)
```

```
mysql> grant all privileges on *.* to 'MASTER'@'localhost';
Query OK, 0 rows affected (0,00 sec)
```

```
mysql> grant all privileges on *.* to noeudi;
Query OK, 0 rows affected (0,01 sec)
```

```
mysql> CREATE USER 'replication_user'@'localhost' IDENTIFIED BY '1234';
Query OK, 0 rows affected (0.00 sec)

mysql> GRANT REPLICATION SLAVE ON *.* TO 'replication_user'@'localhost';
```

```
root@fatysow-VirtualBox:~# mysql -u MASTER -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 1641
Server version: 5.7.41-0ubuntu0.18.04.1-log (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> CREATE USER 'replication_user'@'localhost' IDENTIFIED BY '1234';
ERROR 1396 (HY000): Operation CREATE USER failed for 'replication_user'@'localhost'
mysql> SHOW MASTER STATUS\G
***** 1. row *****
      File: mysql-bin.000001
      Position: 419
Binlog_Do_DB:
Binlog_Ignore_DB:
Executed_Gtid_Set:
1 row in set (0,00 sec)
```

```
root@fatysow-VirtualBox:~# mysql -u noeud1 -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2948
Server version: 5.7.41-0ubuntu0.18.04.1-log (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SHOW DATABASES;
+-----+
| Database      |
+-----+
| information_schema |
| Hotelerie     |
| mysql          |
| performance_schema |
| sys            |
+-----+
5 rows in set (0,00 sec)
```

```
root@fatysow-VirtualBox:~# mysql -u noeud2 -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 3066
Server version: 5.7.41-0ubuntu0.18.04.1-log (Ubuntu)

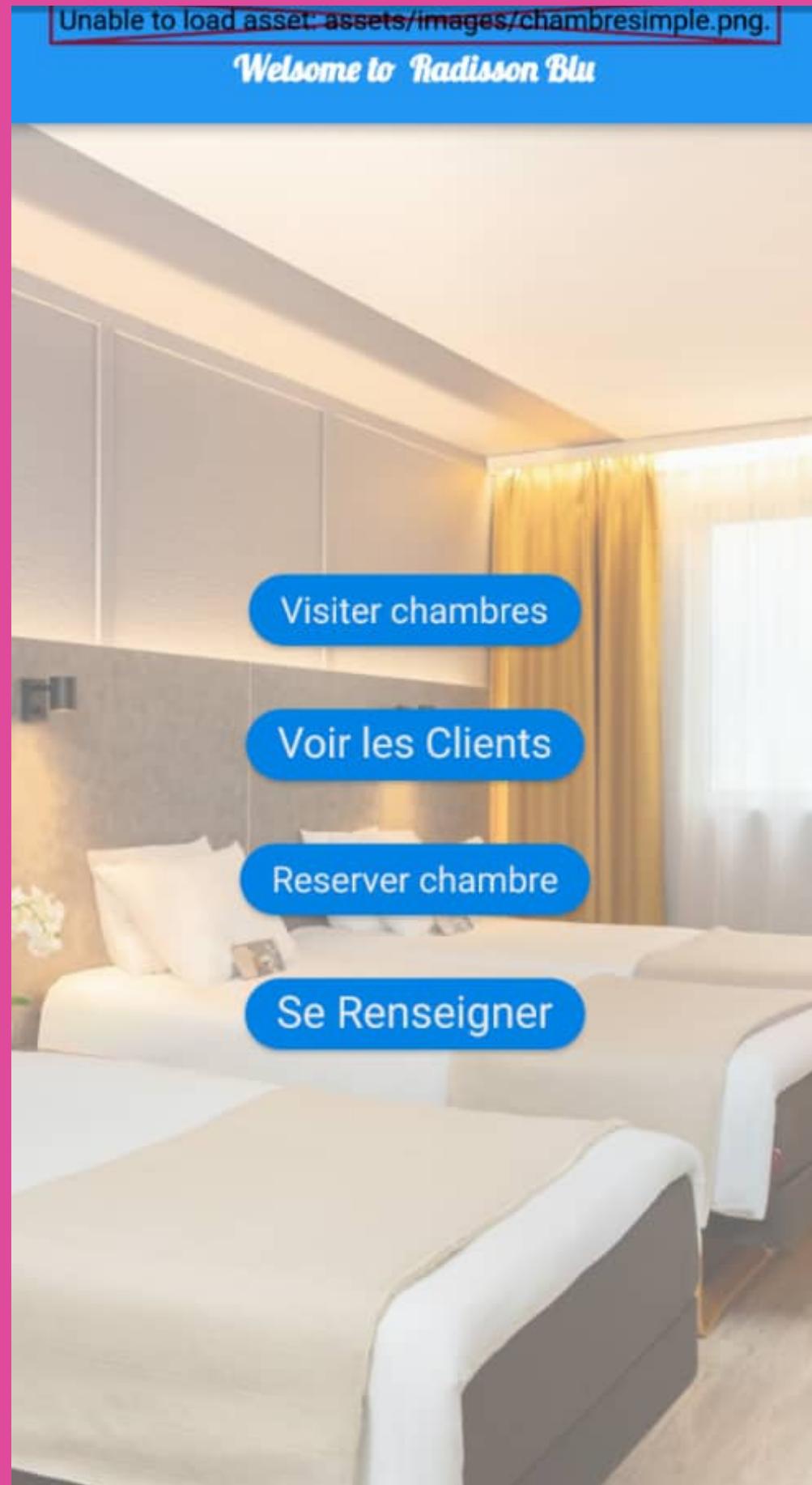
Copyright (c) 2000, 2023, Oracle and/or its affiliates.

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SHOW DATABASES;
+-----+
| Database      |
+-----+
| information_schema |
| Hotelerie      |
| mysql          |
| performance_schema |
| sys            |
+-----+
5 rows in set (0,00 sec)
```

## MODULE APPLICATION MOBILE



5:53

← Hotel Reservation

Number of people  
1

Room Type  
Single

Full Name  
mamita wade

Phone Number  
772950000

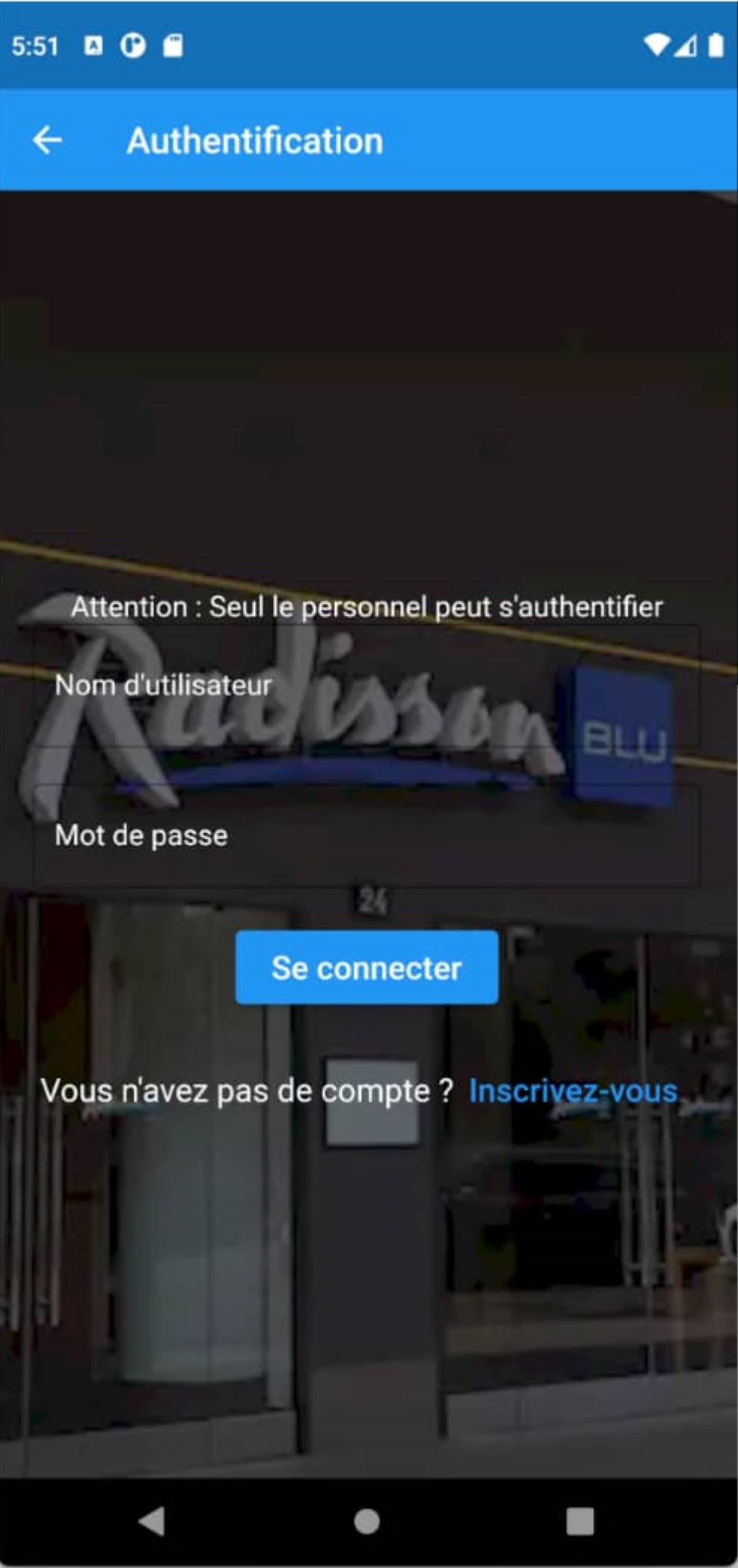
Email  
mamefatouwade@esp.sn

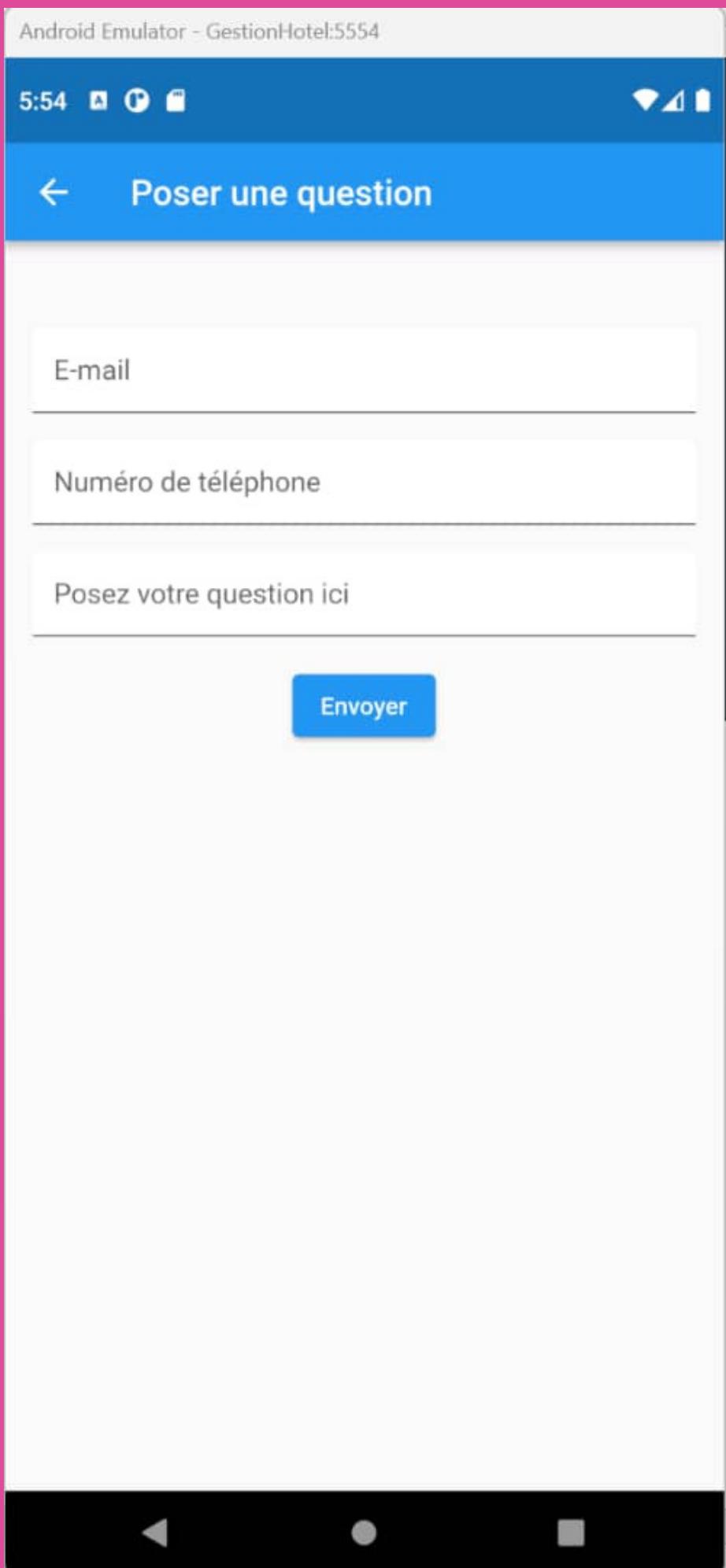
Date D'arrivee  
2023-03-23 00:00:00.000

Date de Depart  
2023-03-31 00:00:00.000

**Submit**







Android Emulator - GestionHotel:5554

5:50

## Chambre

Liste des chambres

Choose date      Number of Rooms

12 Dec - 22 Dec      1 Room - 2 Adults

550 Chambre founds      Filters

  
**Chambre-Royal**      **\$180**  
reservee,      per night  
★★★★★      36 reviews

  
**Chambre-Simple**      **\$220**  
disponible      per night

 Chambre       Tips       Profile

## MODULE API

Nous avons ici nos differentes tables

```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use hotel;
Database changed
mysql> select *from client;
+-----+-----+-----+-----+-----+
| nom   | prenom | telephone | email        | classeChambre | id |
+-----+-----+-----+-----+-----+
| zahra  | tall   | 781705064 | zaratall@gma | standard      | 1  |
| oulimata | sene   | 781705064 | zaratall@gma | standard      | 2  |
| aissatou | tall   | 782505064 | fatiamrou@gma | economique    | 3  |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select *from chambre;
+-----+-----+-----+-----+-----+
| id  | numero | etage | disponibilite | TypeChambre | PrixParNuit |
+-----+-----+-----+-----+-----+
```

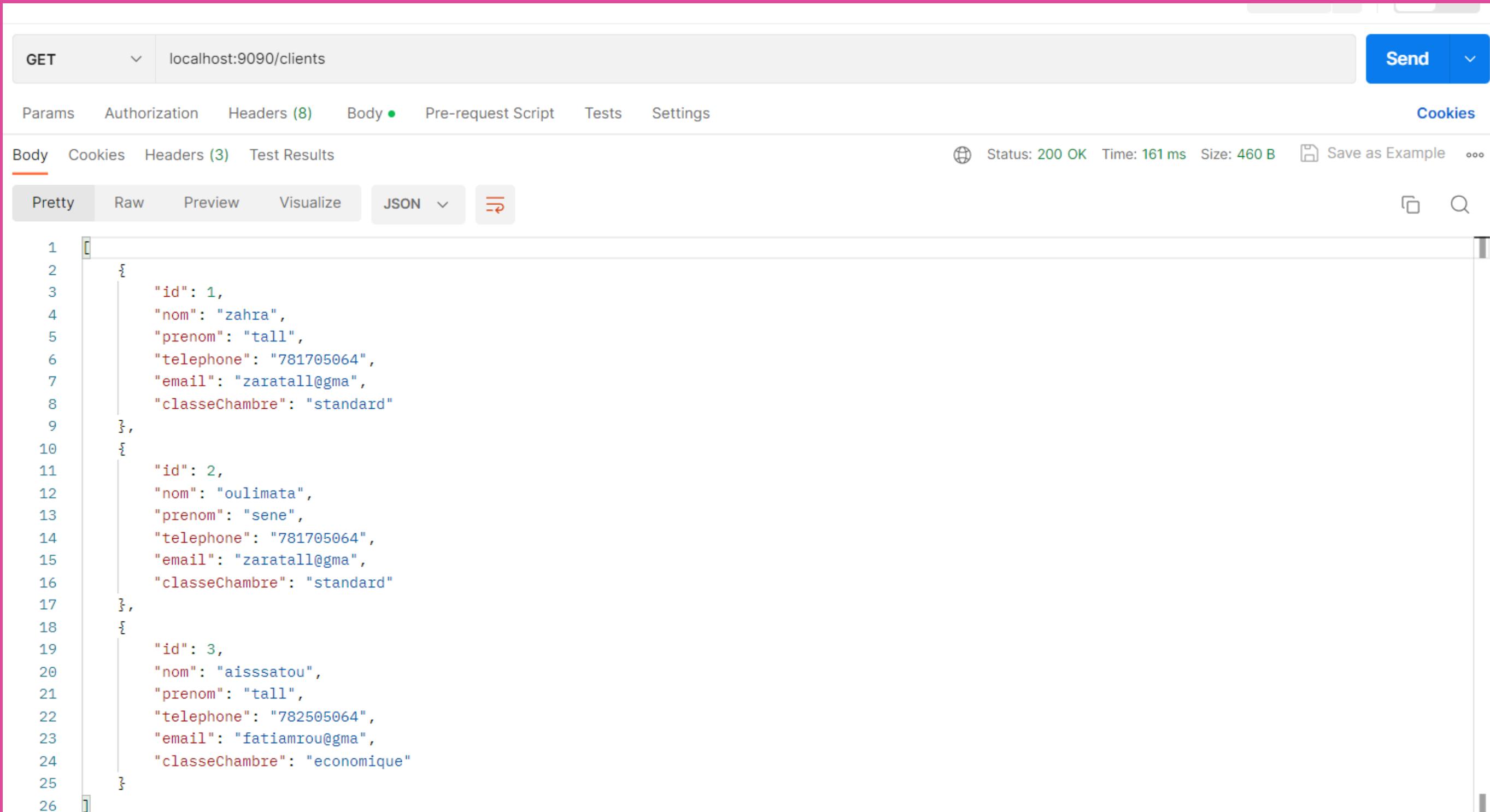
```
mysql> select *from chambre;
+----+-----+-----+-----+-----+-----+
| id | numero | etage | disponibilite | TypeChambre | PrixParNuit |
+----+-----+-----+-----+-----+-----+
| 1 | 204 | 3 | oui | economique | 25000 |
+----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select *from reservation;
+----+-----+-----+-----+-----+-----+-----+-----+
| id | nom | prenom | telephone | classe | chambre | DateChambre | Nuite | DateSortie |
+----+-----+-----+-----+-----+-----+-----+-----+
| 1 | zahra | tall | 78012220 | economisue | 206 | 2023-06-05 | 5 | 2023-06-10 |
+----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select *from statistique;
+-----+-----+-----+-----+-----+
| id | NbreChambreReservee | NbreChambreLibre | TauxOccupation | NomHotel      | AdressHotel |
+-----+-----+-----+-----+-----+
| 1  |          200 |          100 |    80% | Radisson Blue | Dakar        |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select *from facture;
+-----+-----+-----+
| id | NumeroFacture | MontantTotal | ListeServices   |
+-----+-----+-----+
| 1  |          10 |        90000 | dej,petit-dejeuner |
+-----+-----+-----+
1 row in set (0.00 sec)
```

## La liste de tous les clients



The screenshot shows a POSTMAN interface with the following details:

- Method: GET
- URL: localhost:9090/clients
- Headers (8): (This section is visible but contains no specific header details)
- Body (JSON):
  - Pretty (selected)
  - Raw
  - Preview
  - Visualize
  - JSON (dropdown menu)
- Response Status: 200 OK
- Time: 161 ms
- Size: 460 B
- Buttons: Send, Save as Example, etc.

The response body is a JSON array containing three client objects:

```
1
2 [
3   {
4     "id": 1,
5     "nom": "zahra",
6     "prenom": "tall",
7     "telephone": "781705064",
8     "email": "zaratall@gma",
9     "classeChambre": "standard"
10    },
11   {
12     "id": 2,
13     "nom": "oulimata",
14     "prenom": "sene",
15     "telephone": "781705064",
16     "email": "zaratall@gma",
17     "classeChambre": "standard"
18    },
19   {
20     "id": 3,
21     "nom": "aisssatou",
22     "prenom": "tall",
23     "telephone": "782505064",
24     "email": "fatiamrou@gma",
25     "classeChambre": "economique"
26   }
]
```

Le client ayant comme id 1

The screenshot shows the Postman application interface. At the top, the URL is set to `localhost:9090/clients/1`. Below the URL, the method is selected as `GET`. The main content area displays the response body, which is a JSON object:

```
1 {"id":0,"nom":"zahra","prenom":"tall","telephone":"781705064","email":"zaratall@gma","classeChambre":"standard"}  
2
```

The response status is listed as `Status: 200 OK`. Other details shown include `Time: 18 ms` and `Size: 231 B`.

## Creation d'un nouveau client

The screenshot shows the Postman application interface for sending a POST request to the endpoint `localhost:9090/clients/new`.

**Request Headers:**

- Method: POST
- URL: `localhost:9090/clients/new`
- Body Type: JSON

**Request Body (JSON):**

```
1 {"nom": "fatou",
2 "prenom": "falll",
3 "telephone": "782505064",
4 "email": "fatima@gma",
5 "classeChambre": "standard"
6 }
```

**Response Headers:**

- Status: 201 Created
- Time: 12 ms
- Size: 225 B

**Response Body (Pretty JSON):**

```
1 {
2   "id": 4,
3   "nom": "fatou",
4   "prenom": "falll",
5   "telephone": "782505064",
6   "email": "fatima@gma",
7   "classeChambre": "standard"
8 }
```

Nous voyons que le client a été bel et bien créé

```
log. Database changed
mysql> select *from client;
+-----+-----+-----+-----+-----+-----+
| nom | prenom | telephone | email | classeChambre | id |
+-----+-----+-----+-----+-----+-----+
| zahra | tall | 781705064 | zaratall@gma | standard | 1 |
| oulimata | sene | 781705064 | zaratall@gma | standard | 2 |
| aissatou | tall | 782505064 | fatiamrou@gma | economique | 3 |
| fatou | fall | 782505064 | fatima@gma | standard | 4 |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```

## Modification du client ayant comme id 1

The screenshot shows the Postman application interface. At the top, the method is set to **PUT** and the URL is **localhost:9090/clients/update/?id=1**. The **Body** tab is selected, showing the following JSON payload:

```
1 {"nom": "fatou",
2 "prenom": "tall",
3 "telephone": "782505064",
4 "email": "fatima@gma",
5 "classeChambre": "standard"
6 }
```

Below the body, the status bar indicates **Status: 200 OK**, **Time: 22 ms**, and **Size: 75 B**. The **Test Results** section shows a single entry with the value **1**.

Nous voyons qu'il y'a bel et bien changement

```
mysql> select *from client;
+-----+-----+-----+-----+-----+
| nom   | prenom | telephone | email      | classeChambre | id |
+-----+-----+-----+-----+-----+
| zahra | tall   | 781705064 | zaratall@gma | standard     | 1  |
| oulimata | sene   | 781705064 | zaratall@gma | standard     | 2  |
| aissatou | tall   | 782505064 | fatiamrou@gma | economique  | 3  |
| fatou  | falll  | 782505064 | fatima@gma  | standard     | 4  |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select *from client;
+-----+-----+-----+-----+-----+
| nom   | prenom | telephone | email      | classeChambre | id |
+-----+-----+-----+-----+-----+
| fatou | tall   | 782505064 | fatima@gma | standard     | 1  |
| oulimata | sene   | 781705064 | zaratall@gma | standard     | 2  |
| aissatou | tall   | 782505064 | fatiamrou@gma | economique  | 3  |
| fatou  | falll  | 782505064 | fatima@gma  | standard     | 4  |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

## Suppression du client 1

The screenshot shows the Postman application interface. At the top, the method is set to **DELETE** and the URL is `localhost:9090/clients/delete/?id=1`. The **Body** tab is selected, showing the JSON payload for the request:

```
1 {"nom": "fatou",
2  "prenom": "tall",
3  "telephone": "782505064",
4  "email": "fatima@gma",
5  "classeChambre": "standard"
6 }
```

Below the body, the response status is shown as **200 OK** with a time of **16 ms** and a size of **169 B**. The response body is displayed in **Pretty** format:

```
1 {
2   "message": "Client deleted successfully",
3   "status": "success"
4 }
```

Nous voyons que le client 1 a été bien supprimé

```
mysql> select *from client;
+-----+-----+-----+-----+-----+-----+
| nom   | prenom | telephone | email      | classeChambre | id |
+-----+-----+-----+-----+-----+-----+
| oulimata | sene   | 781705064 | zaratall@gma | standard       | 2  |
| aissatou | tall   | 782505064 | fatiamrou@gma | economique    | 3  |
| fatou   | falll  | 782505064 | fatima@gma  | standard       | 4  |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

## Liste de toutes les réservations

The screenshot shows a POSTMAN interface with the following details:

- Method:** GET
- URL:** localhost:9090/reservations
- Headers:** (8)
- Body:** (Pretty) JSON response:

```
1 {  
2   "id": 1,  
3   "nom": "zahra",  
4   "prenom": "tall",  
5   "telephone": "78012220",  
6   "classe": "economisue",  
7   "chambre": 206,  
8   "DateChambre": "2023-06-05",  
9   "Nuite": 5,  
10  "DateSortie": "2023-06-10"  
11 }  
12  
13 }
```

- Status:** 200 OK
- Time:** 8 ms
- Size:** 272 B

## Reservation ayant comme id 1

The screenshot shows the Postman application interface. At the top, there is a header bar with 'GET' selected as the method, a dropdown arrow, the URL 'localhost:9090/reservations/1', a 'Send' button, and a dropdown arrow. Below the header, there are tabs for 'Params', 'Authorization', 'Headers (8)', 'Body •', 'Pre-request Script', 'Tests', 'Settings', and 'Cookies'. The 'Body' tab is currently active, indicated by a red underline. Below the tabs, there are buttons for 'Pretty', 'Raw', 'Preview', 'Visualize', and 'Text' with a dropdown arrow. The 'Text' button is highlighted with a red border. To the right of the text buttons, there are icons for copy (copy to clipboard) and search (magnifying glass). The main body area displays the JSON response:

```
1 {"id":0,"nom":"zahra","prenom":"tall","telephone":"78012220","classe":"economisue","chambre":206,"DateChambre":"2023-06-05","Nuite":5,"DateSortie":"2023-06-10"}  
2
```

At the top right of the main area, there is a status indicator showing 'Status: 200 OK', 'Time: 7 ms', 'Size: 279 B', a 'Save as Example' button, and a 'More' button. On the far right edge of the main area, there is a vertical scroll bar.

## Creation d'une nouvelle réservation

The screenshot shows a Postman interface for a POST request to `localhost:9090/reservations/new`. The request body is a JSON object representing a reservation:

```
1 {"nom": "zahra", "prenom": "tall", "telephone": "78512220", "classe": "economisue", "chambre": 206, "DateChambre": "2023-06-05", "Nuite": 5, "DateSortie": "2023-06-10"}
```

The response status is `201 Created`, and the response body is identical to the request body, indicating a successful creation of the reservation.

## Modification Reservation,

The screenshot shows the Postman application interface. The request method is set to PUT, and the URL is localhost:9090/reservations/update/?id=1. The 'Body' tab is selected, showing a JSON payload:

```
1 {"nom": "amina", "prenom": "tall", "telephone": "3389555", "classe": "standard", "chambre": 206, "DateChambre": "2023-06-05", "Nuite": 5, "DateSortie": "2023-06-10"}
```

```
mysql> select *from reservation;
+----+-----+-----+-----+-----+-----+-----+
| id | nom   | prenom | telephone | classe | chambre | DateChambre | Nuite | DateSortie |
+----+-----+-----+-----+-----+-----+-----+
| 1  | amina | tall   | 3389555  | standard | 206    | 2023-06-05 | 5     | 2023-06-10 |
| 2  | zahra  | tall   | 78512220 | economisue | 206    | 2023-06-05 | 5     | 2023-06-10 |
+----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

## Suppression Reservation

DELETE localhost:9090/reservations/delete/?id=1

Params • Authorization Headers (8) Body • Pre-request Script Tests Settings

Body Cookies Headers (3) Test Results

Pretty Raw Preview Visualize JSON

```
1 {  
2   "message": "Reservation deleted successfully",  
3   "status": "success"  
4 }
```

```
mysql> select *from reservation;  
+----+-----+-----+-----+-----+-----+-----+  
| id | nom  | prenom | telephone | classe | chambre | DateChambre | Nuite | DateSortie |  
+----+-----+-----+-----+-----+-----+-----+-----+  
| 2  | zahra | tall   | 78512220 | economisue | 206  | 2023-06-05 | 5    | 2023-06-10 |  
+----+-----+-----+-----+-----+-----+-----+-----+  
1 row in set (0.00 sec)
```

## Liste des chambres

The screenshot shows the Postman application interface. At the top, the method is set to **DELETE** and the URL is **localhost:9090/chambres**. On the right, there is a **Send** button. Below the URL, there are tabs for **Params**, **Authorization**, **Headers (8)**, **Body** (which is currently selected), **Pre-request Script**, **Tests**, and **Settings**. To the right of these tabs, there is a **Cookies** tab. Under the **Body** tab, there are sub-tabs for **Body**, **Cookies**, **Headers (3)**, and **Test Results**. The **Body** tab is selected and has a sub-tab for **Pretty** (which is selected), **Raw**, **Preview**, and **Visualize**. There is also a **JSON** dropdown menu. On the far right of the body panel, there are icons for copy and search. The main content area displays a JSON response:

```
1 [  
2 {  
3   "id": 1,  
4   "numero": 204,  
5   "etage": 3,  
6   "disponibililite": "oui",  
7   "TypeChambre": "economique",  
8   "PrixParNuit": 25000  
9 }  
10 ]
```

At the top right of the main content area, there is a status indicator showing **Status: 200 OK**, **Time: 6 ms**, and **Size: 213 B**, along with a **Save as Example** button and a more options icon.

## Chambre ayant comme id 1

The screenshot shows a Postman interface with the following details:

- Method:** GET
- URL:** localhost:9090/chambres/1
- Headers:** (8)
- Body:** (JSON response shown below)
- Tests:** (None)
- Settings:** (None)
- Cookies:** (None)
- Status:** 200 OK
- Time:** 5 ms
- Size:** 220 B
- Actions:** Save as Example, More

The Body tab displays the JSON response:

```
1  [{"id":0,"numero":204,"etage":3,"disponibililite":"oui","TypeChambre":"economique","PrixParNuit":25000}]  
2
```

## Création d'une nouvelle chambre

POST localhost:9090/chambres/new

Params Authorization Headers (8) **Body** • Pre-request Script Tests Settings

none  form-data  x-www-form-urlencoded  raw  binary  GraphQL **JSON** ▾

```
1 {"numero":200,"etage":2,"disponibililite":"non","TypeChambre":"economique","PrixParNuit":25000}
```

Body Cookies Headers (3) Test Results Status: 201

Pretty Raw Preview Visualize **JSON** ▾

```
1
2     "id": 2,
3     "numero": 200,
4     "etage": 2,
5     "disponibililite": "non",
6     "TypeChambre": "economique",
7     "PrixParNuit": 25000
```

## Résultat

```
mysql> select *from chambre;
+----+-----+-----+-----+-----+-----+
| id | numero | etage | disponibilite | TypeChambre | PrixParNuit |
+----+-----+-----+-----+-----+-----+
| 1  |    204 |     3 | oui          | economique | 25000      |
| 2  |    200 |     2 | non         | economique | 25000      |
+----+-----+-----+-----+-----+-----+
```

## Modification de la chambre ayant comme id 1

The screenshot shows a POST request in Postman to the URL `localhost:9090/chambres/update/?id=1`. The request body is set to JSON and contains the following data:

```
1 {"numero":200,"etage":3,"disponibililite":"non","TypeChambre":"economique","PrixParNuit":25000}
```

The response status is 200 OK, with a time of 11 ms and a size of 75 B.

## Suppression de la chambre ayant comme id 1

The screenshot shows a Postman request configuration for a DELETE operation. The URL is `localhost:9090/chambres/delete/?id=1`. The Body tab is selected, showing a JSON payload:

```
1 {"numero":200,"etage":3,"disponibililite":"non","TypeChambre":"economique","PrixParNuit":25000}
```

The response body is displayed in JSON format, indicating success:

```
1 {"message": "Room deleted successfully", "status": "success"}  
2  
3  
4
```

The status code shown is 200.

```
mysql> select *from chambre;
+----+-----+-----+-----+-----+-----+
| id | numero | etage | disponibilite | TypeChambre | PrixParNuit |
+----+-----+-----+-----+-----+-----+
| 2 | 200 | 2 | non | economique | 25000 |
+----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

## Statistique enregistrée

The screenshot shows the Postman application interface. At the top, a header bar displays "GET" and the URL "localhost:9090/statistiques/1". On the right side of the header is a blue "Send" button. Below the header, there are tabs for "Params", "Authorization", "Headers (8)", "Body", "Pre-request Script", "Tests", and "Settings". The "Body" tab is currently selected and has a sub-menu with options: "none", "form-data", "x-www-form-urlencoded", "raw", "binary", "GraphQL", and "JSON". The "JSON" option is highlighted with a blue background. To the right of the body tab are "Cookies" and "Beautify" buttons. The main content area contains a code editor with the following JSON payload:

```
1 {"numero":200,"etage":3,"disponibililite":"non","TypeChambre":"economique","PrixParNuit":25000}
```

Below the code editor, there are tabs for "Body", "Cookies", "Headers (3)", and "Test Results". The "Body" tab is selected. To the right of these tabs, status information is displayed: "Status: 200 OK", "Time: 5 ms", and "Size: 248 B". There is also a "Save as Example" button and a "More" button. At the bottom of the interface, there are buttons for "Pretty", "Raw", "Preview", "Visualize", and "Text".

The "Text" tab is selected, showing the raw JSON response from the server:

```
1 {"id":0,"NbreChambreReservee":200,"NbreChambreLibre":100,"TauxOccupation":"80%","NomHotel":"Radisson Blue","AdressHotel":"Dakar"}  
2
```

## Modification de la statistique enregistrée

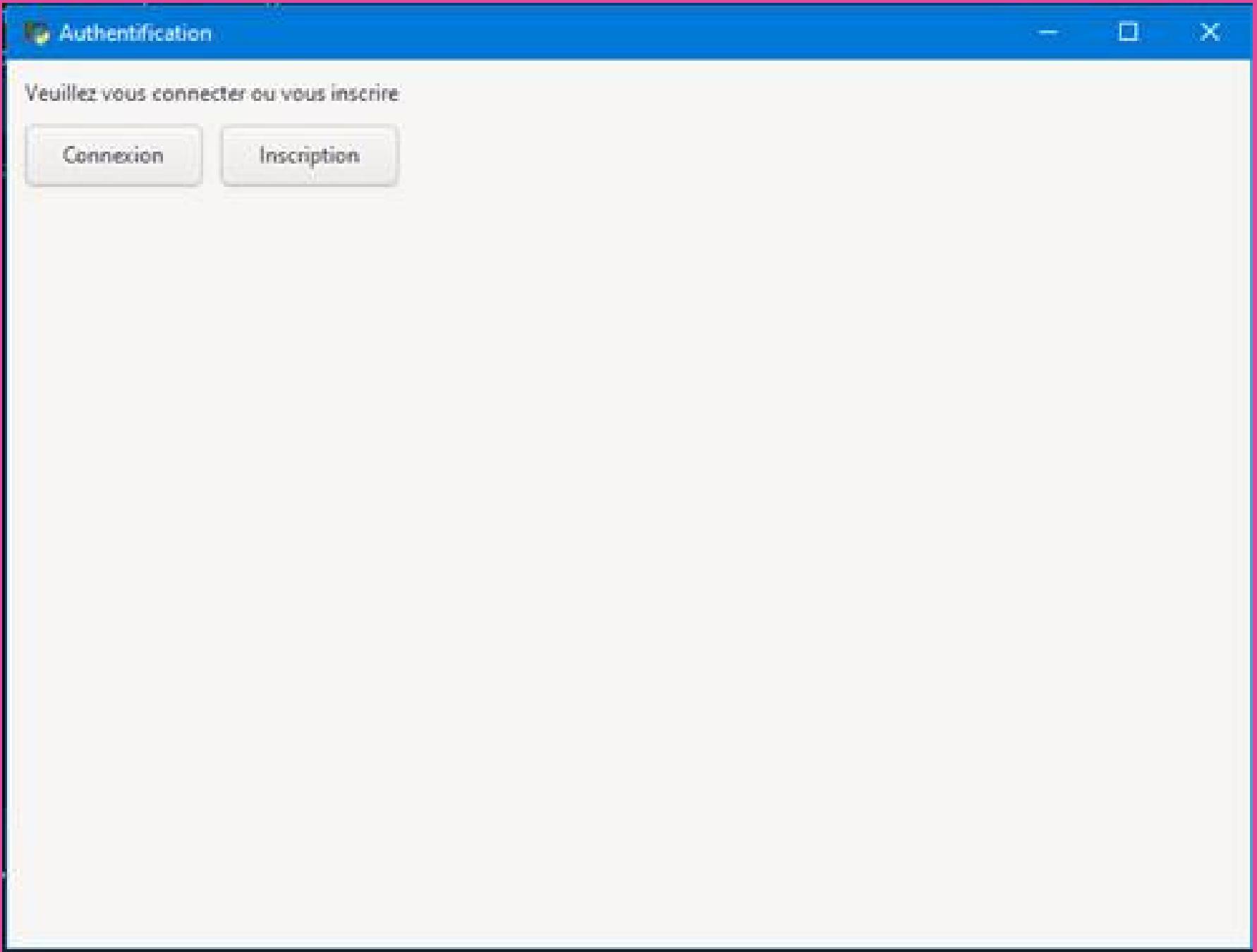
The screenshot shows the Postman application interface. A PUT request is being made to the endpoint `localhost:9090/statistiques/update/?id=1`. The **Body** tab is selected, showing a JSON payload:

```
1 { "id":0, "NbreChambreReservee":200, "NbreChambreLibre":10, "TauxOccupation":"98%", "NomHotel":"Radisson Blue", "AdressHotel":"Dakar" }
```

The response status is `200 OK`, with a time of `8 ms` and a size of `75 B`.

```
mysql> select *from statistique;
+----+-----+-----+-----+-----+-----+
| id | NbreChambreReservee | NbreChambreLibre | TauxOccupation | NomHotel      | AdressHotel |
+----+-----+-----+-----+-----+-----+
| 1  |        200 |           10 |    98%       | Radisson Blue | Dakar         |
+----+-----+-----+-----+-----+-----+
```

## Module Application Desktop



Page d'authentification

Inscription

## INSCRIPTION

Informations

Nom

Prénom

Numéro

Role

Email

Mot de passe

Confirmer votre mot de passe

Formulaire d'inscription

 Connexion

Formulaire de connexion

Nom d'utilisateur:

Mot de passe:

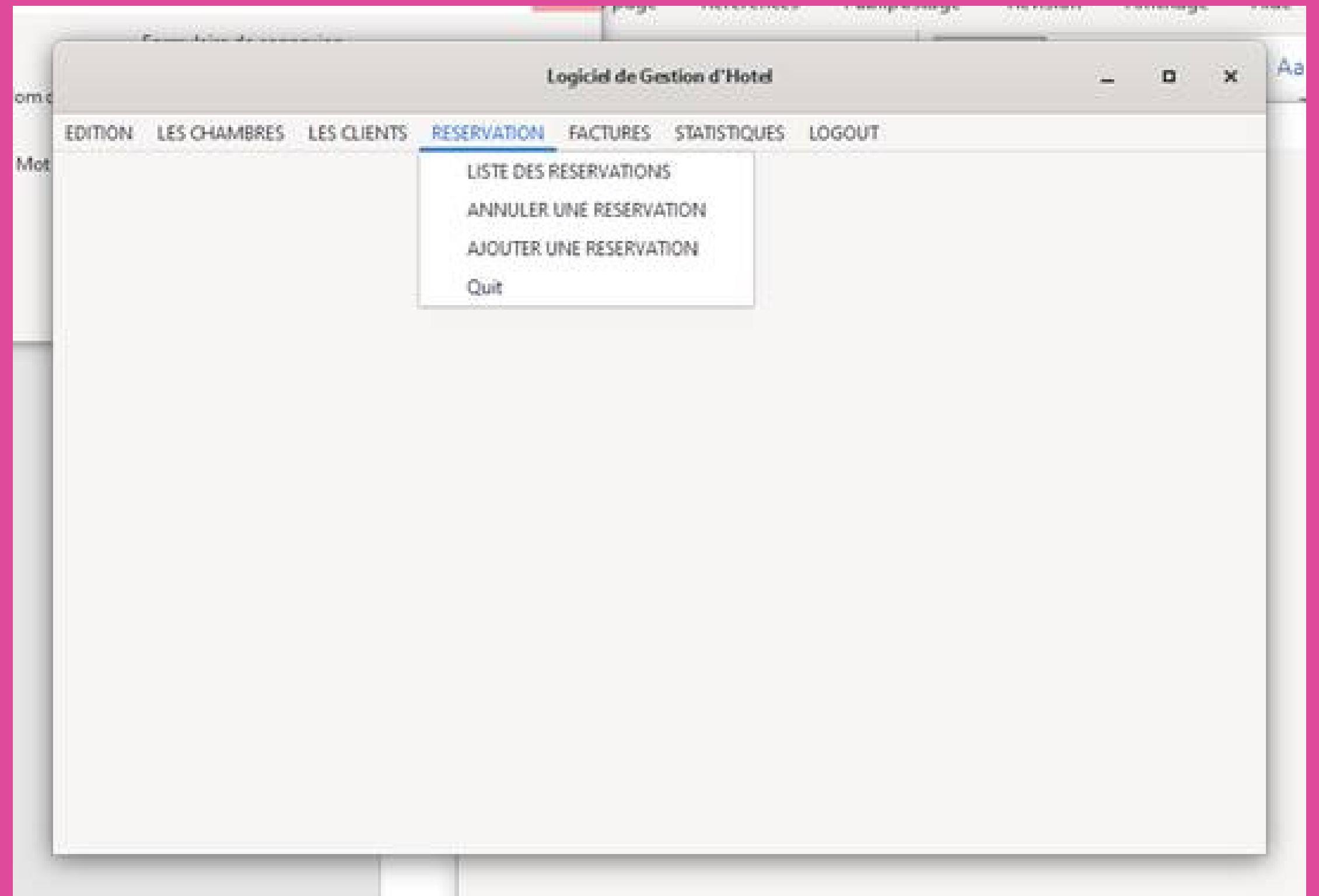
Afficher/Masquer le mot de passe

Se Connecter

Formulaire de connexion

## Logiciel de Gestion d'Hotel

EDITION LES CHAMBRES LES CLIENTS RESERVATION FACTURES STATISTIQUES LOGOUT



 Reservation Form

ID	<input type="text"/>
Nom	<input type="text"/>
Prenom	<input type="text"/>
telephone	<input type="text"/>
Classe	<input type="text"/>
Chambre	<input type="text"/>
Nuitée	<input type="text"/>
Date d'entrée	<input type="text"/>
Date de sortie	<input type="text"/>
<input type="button" value="Submit"/>	

Formulaire d'ajout de reservation

RIN