



Documentation technique

A. Spécifications techniques

Application web :

- Hébergée sur Heroku
- Django
- Python 3.9
- MariaDB
- Bootstrap

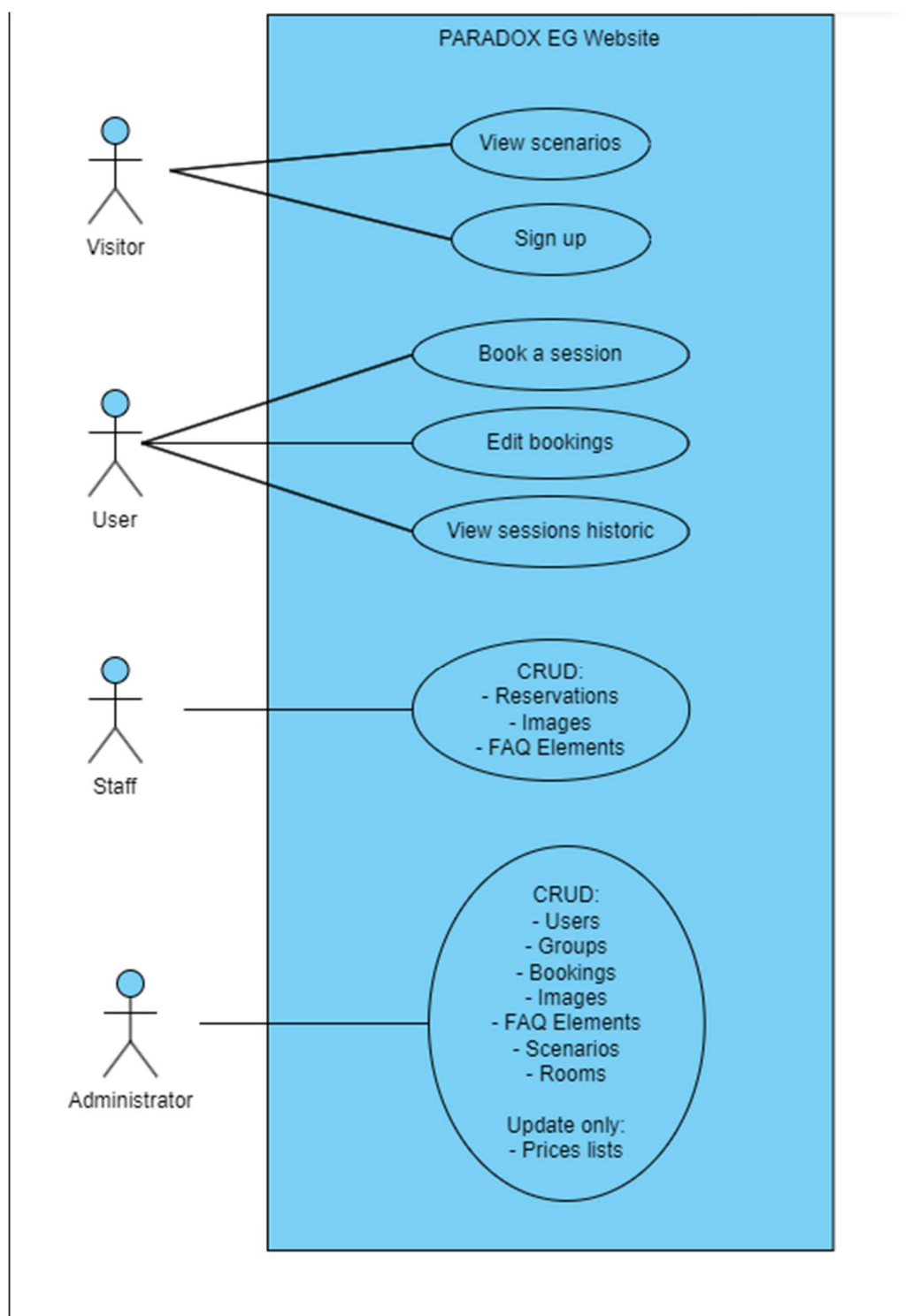
Desktop :

- PyQt6
- Python 3.9

Mobile :

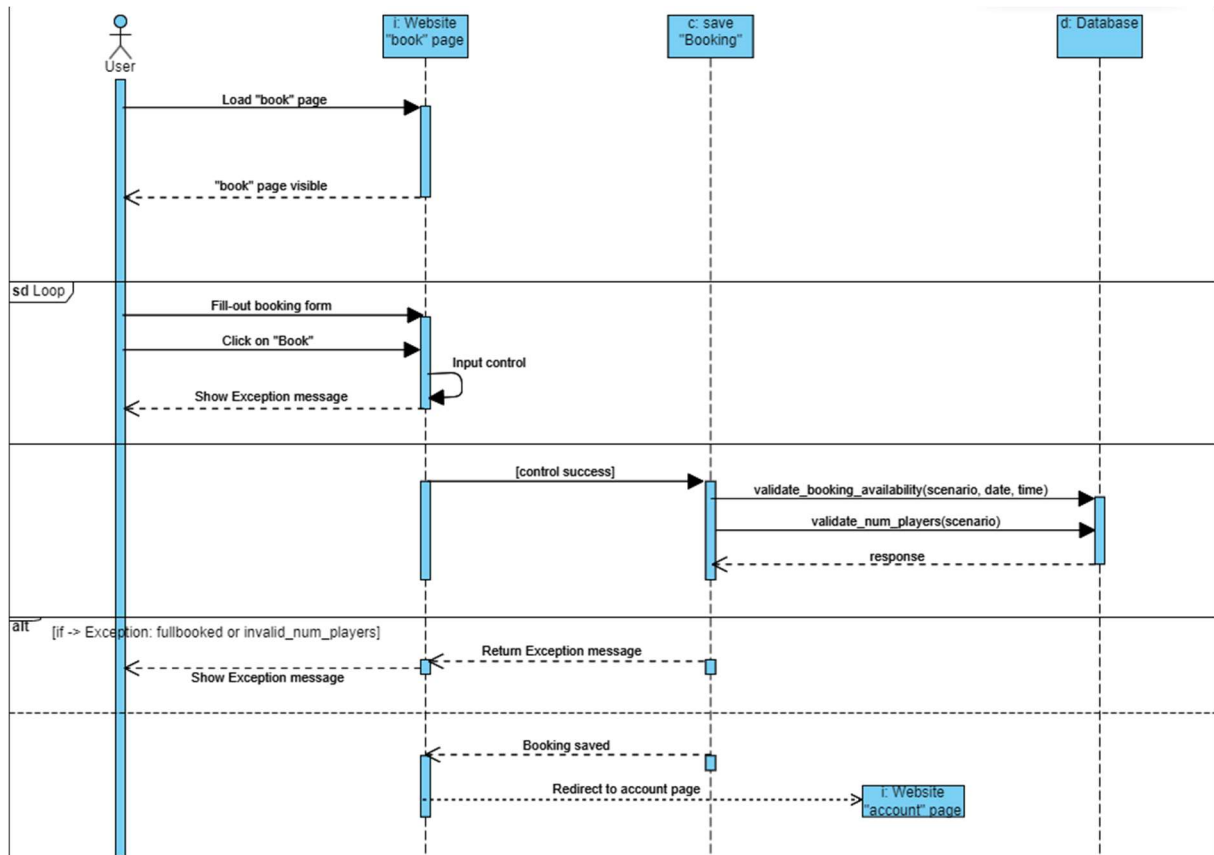
- React Native
- Expo

B. Diagramme de Cas d'utilisation

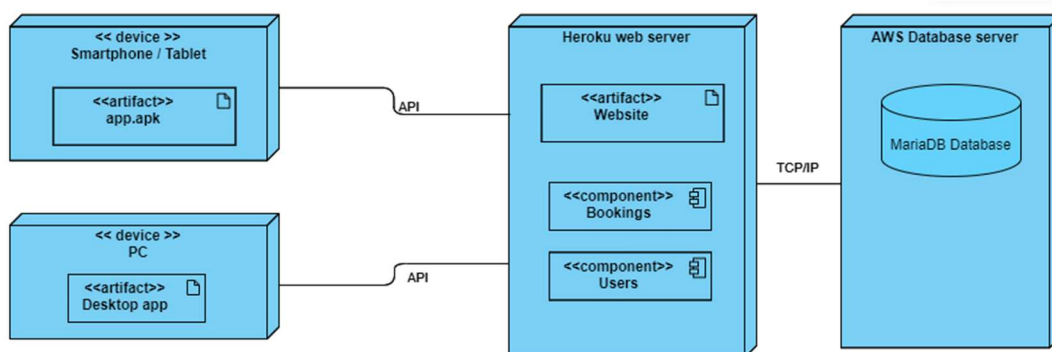


C. Diagrammes de séquence

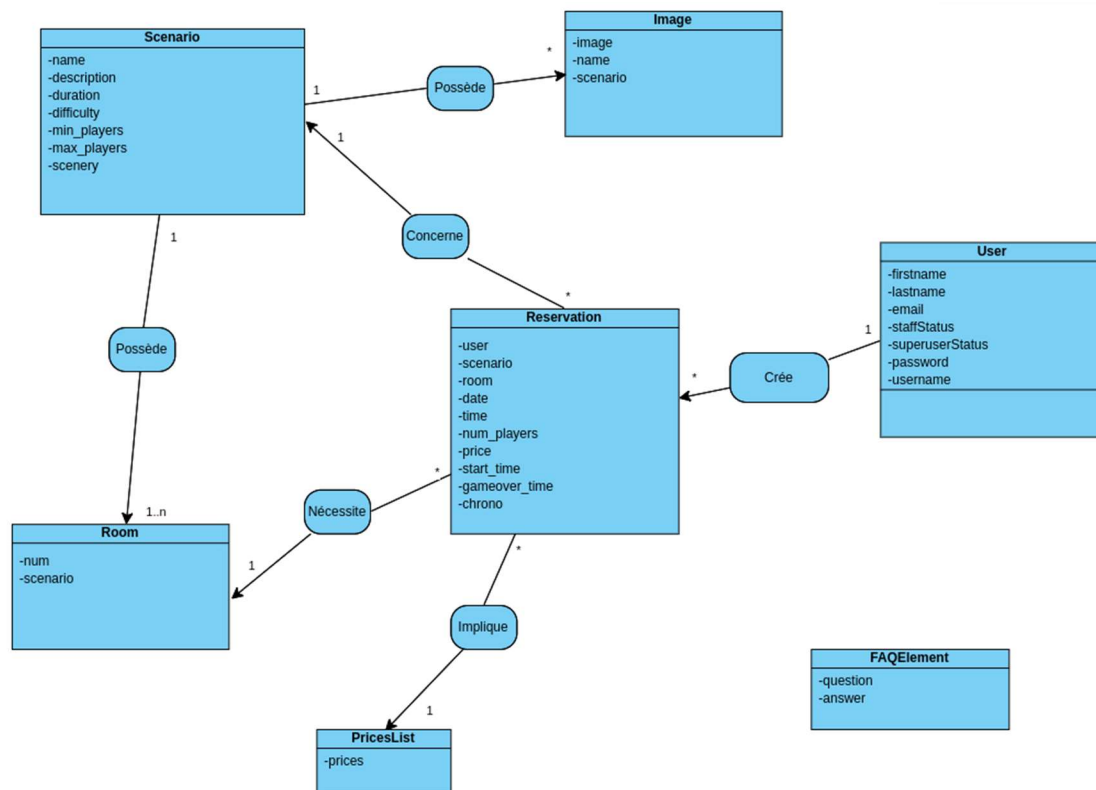
Fonctionnalité « US4-Réserver une séance »



D. Diagramme de déploiement



E. Modèle conceptuel de données



F. Transaction SQL

```
SELECT * FROM pegapp_booking WHERE date='2023-07-20' AND start_time IS NULL;
```

```
UPDATE pegapp_booking
SET start_time = CURRENT_TIMESTAMP
WHERE id = 24 AND start_time IS NULL;
```

```
SELECT SLEEP(5) FOR UPDATE;
```

```
UPDATE pegapp_booking
SET gameover_time = CURRENT_TIMESTAMP
WHERE id = 24 AND start_time IS NOT NULL;
```

```
SELECT * FROM pegapp_booking WHERE date = '2023-07-20' AND gameover_time IS NOT NULL;
```