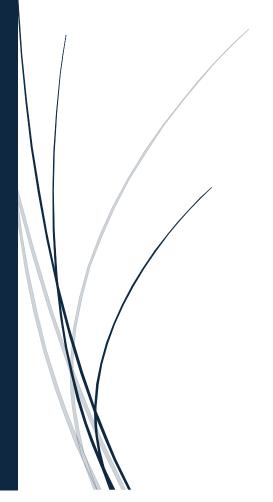
4/21/2025

# Lab Mid

Secure Software Design and Development

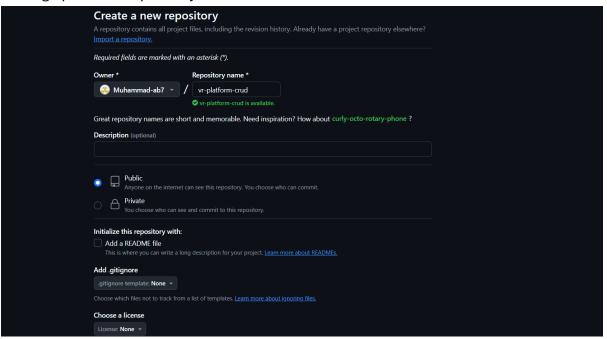


(SP22-BCT-026) MUHAMMAD ABDULLAH

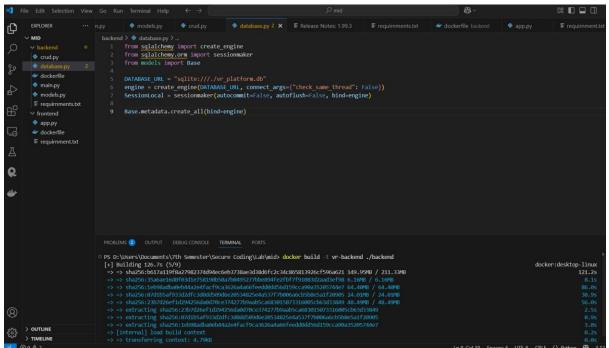
Link: https://github.com/Muhammad-ab7/vr-platform-crud

## Implementation steps:

1. Setting up GitHub repository:



- 2. Setup:
- 2.1. Setup virtual and activating it:
  - PS D:\Users\Documents\7th Semester\Secure Coding\Lab\mid> myenv\Scripts\activate(myenv) PS D:\Users\Documents\7th Semester\Secure Coding\Lab\mid> []
- 2.2. Building backend setup:



## 2.3. Building Front end:

```
(myenv) PS D:\Users\Documents\7th Semester\Secure Coding\Lab\mid> docker build -t vr-frontend ./frontend
[+] Building 13.3s (7/8)

>> [internal] load metadata for docker.io/library/python:3.10

>> [internal] load .dockerignore

>> > transferring context: 2B

>> [1/4] FROM docker.io/library/python:3.10@sha256:e2c7fb05741c735679b26eda7dd34575151079f8c615875fbefe401972b14d85

>> > resolve docker.io/library/python:3.10@sha256:e2c7fb05741c735679b26eda7dd34575151079f8c615875fbefe401972b14d85

>> [internal] load build context

>> > transferring context: 122B

>> CACHED [2/4] WORKDIR /app

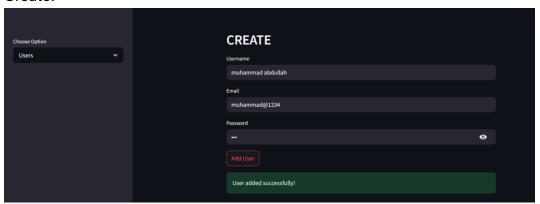
>> [3/4] COPY . .

>> [4/4] RUN pip install -r requirements.txt
```

### 2.4. Running the docker containers:

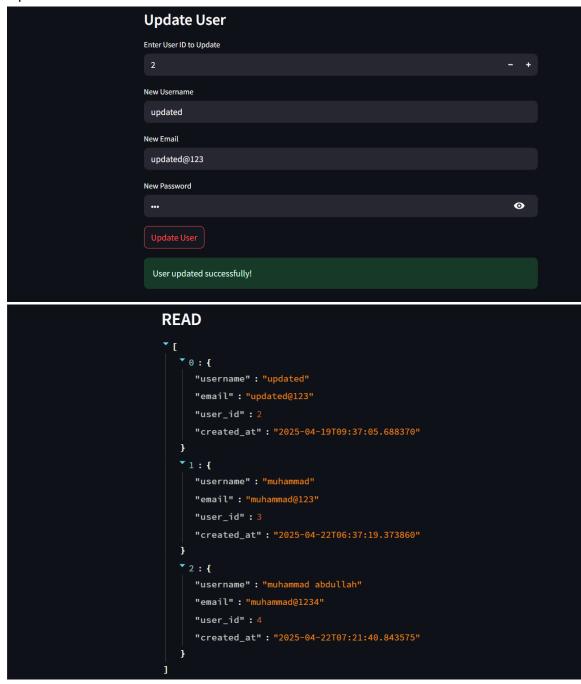


- 3. Performing the CRUD operations:
  - 3.1. Performing CRUD on users table:
  - 3.1.1 Create:

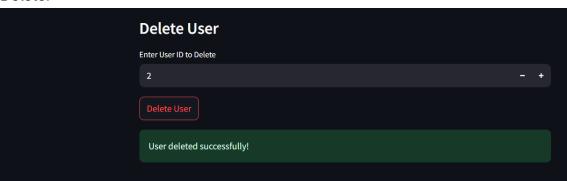


#### 3.1.2. Read:

## 3.1.3. Update:

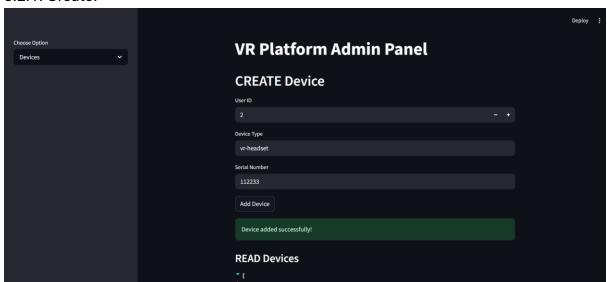


#### 3.1.4. Delete:



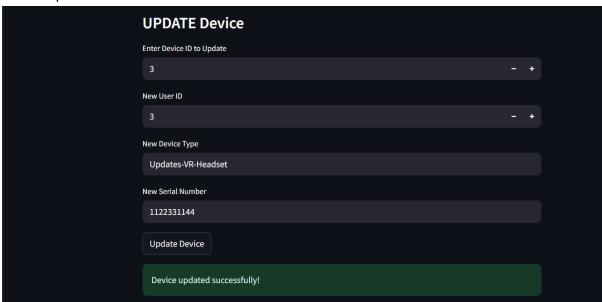
## 3.2. Performing CRUD on Devices table:

#### 3.2.1. Create:



## 3.2.2. Read:

## 3.2.3. Update:



#### 3.2.4. Delete:



#### 4. Pushing to github:



