Task 1: Finish in 3 hours

Work:

1. Design the page: Write HTML, CSS, JS
2. Create Database from local docker
3. Handle search box to enable search feature

Task 2: Finish in 15 minutes

Nice:

1. It checks whether a user is authenticated
2. Database is update regularly
3. It shows error message when the query cannot be executed
4. It shows result in a format way
5. It is faster to truncate and insert again

Can be improved

1. Handle empty data view if data response is empty
2. Can user COPY to load all rows in one command 🡪 faster than using a series of INSERT commands
3. Re-write the file into small functions, for example, check\_user\_authentication, update\_per\_hour 🡪 easy to maintain, easy to read