

- diagram database

users	
id	int
google_id	string
google_token	string

- schema database

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| refactory |
| sys |
+-----+
5 rows in set (0.01 sec)

mysql> use refactory;
Database changed
mysql> CREATE table users ( id INT NOT NULL AUTO_INCREMENT, email VARCHAR(255),google_id VARCHAR(255), google_token VARCHAR(255), PRIMARY KEY (id));
Query OK, 0 rows affected (0.04 sec)

mysql> show tables;
+-----+
| Tables_in_refactory |
+-----+
| users |
+-----+
1 row in set (0.00 sec)

mysql>
```

menggunakan my SQL dengan id, email, google_id dan google_token disimpan di dalam database. sehingga, bisa ditampilkan dan agar mengetahui siapa yang sedang mengakses.

- penjelasan alur aplikasi
run golang melalui visual code

```
11-oauth2 - zsh - 80x22
...packagemain-master/11-oauth2 - zsh
...ster/11-oauth2 - mysql -u root -p

Last login: Wed Oct 12 20:13:56 on ttys000
(base) anin@192 ~ % ls
Applications  Downloads      Music          go
Desktop       Library        Pictures       java
Documents     Movies         Public         opt

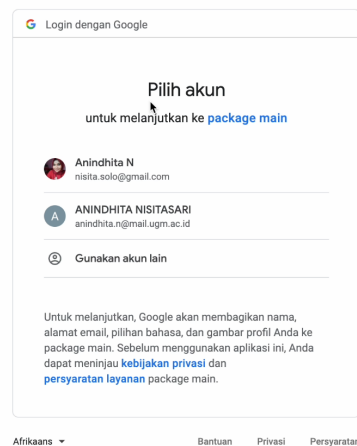
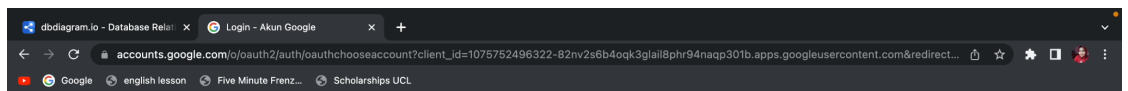
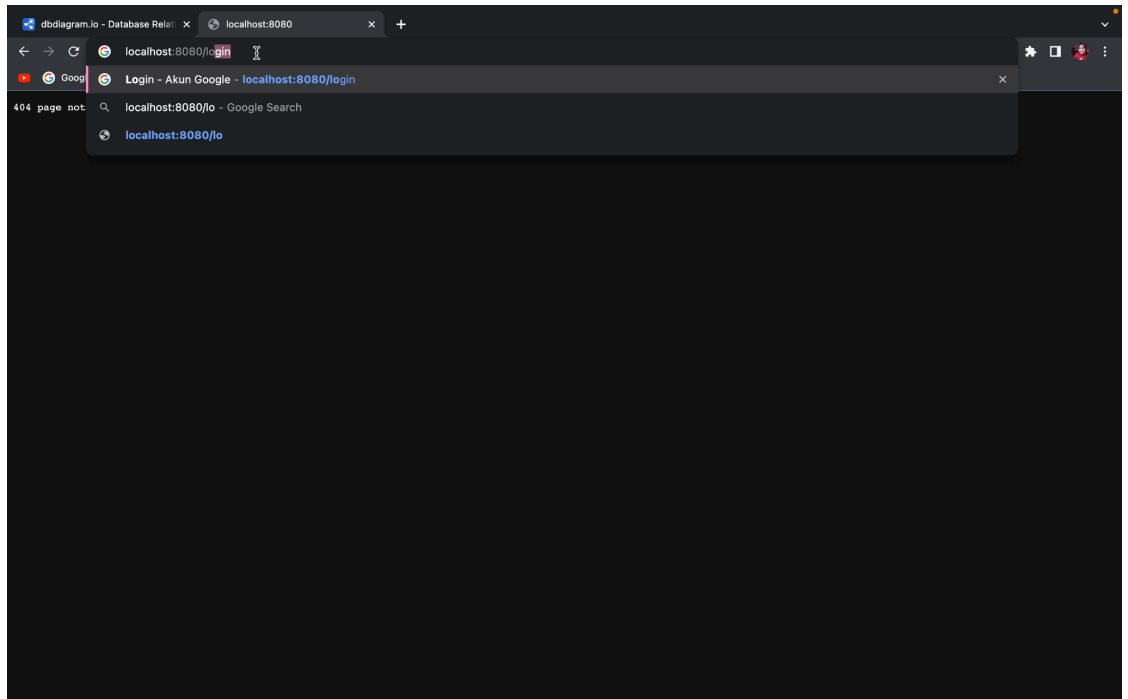
(base) anin@192 ~ % cd go
(base) anin@192 go % ls
bin  pkg  src

(base) anin@192 go % cs src

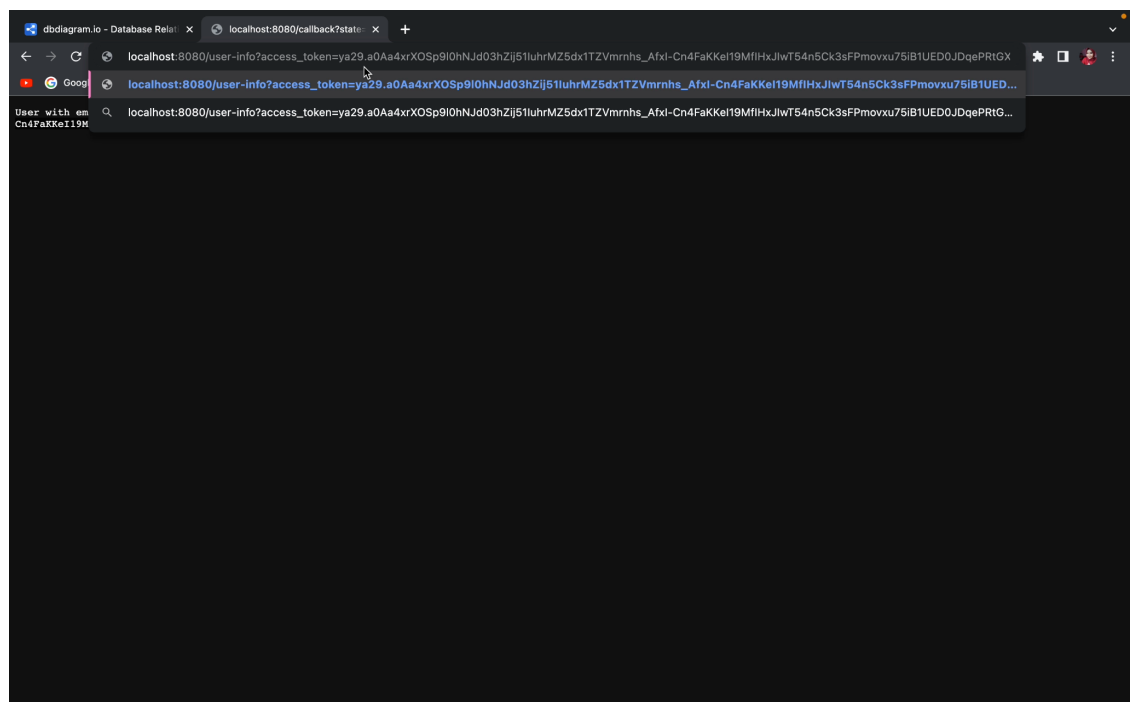
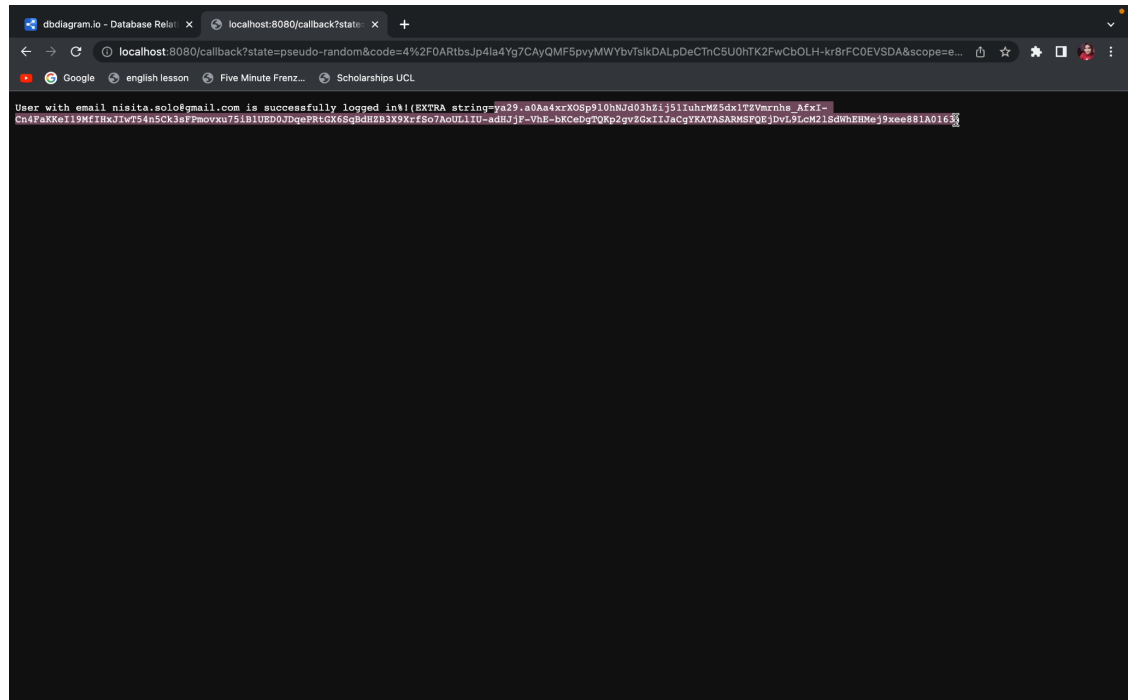
(base) anin@192 11-oauth2 % go run main.go
(0x1005b77e0,0x1400027e6c0)^Csignal: interrupt
(base) anin@192 11-oauth2 % go run main.go
(0x1029737e0,0x140002628d0)[204/512]0x140001ae200^Csignal: interrupt
(base) anin@192 11-oauth2 % go run main.go
(0x1049fb7e0,0x1400030b9e0)[204/512]0x140001b8000(0x1049b1b00,0x1400011d770)^Csignal: interrupt
(base) anin@192 11-oauth2 % go run main.go
map[email:nisita.solo@gmail.com id:103248002588652798555 picture:https://lh3.googleusercontent.com/a-/ACNPEu-Z9RFLCt9iigXY8p3f_d0Os0AqCdAZ0wDXyyl1Ww=s96-c verified_email:true]
^Csignal: interrupt
(base) anin@192 11-oauth2 % go run main.go
main.go:14:2: no required module provides package github.com/go-sql-driver/mysql; to add it:
    go get github.com/go-sql-driver/mysql
(base) anin@192 11-oauth2 % go get github.com/go-sql-driver/mysql
go: downloading github.com/go-sql-driver/mysql v1.6.0
go: added github.com/go-sql-driver/mysql v1.6.0
(base) anin@192 11-oauth2 % go run main.go
^Csignal: interrupt
(base) anin@192 11-oauth2 % go run main.go
```

terdapat 3 API

1. Login : membuka web page dengan mengunjungi localhost:8080/login



2. Callback : misal berhasil user akan menuju “email is successfully logged in”



3. User Info: misal akan get info maka, replace localhost:8080/user-info? dengan access token yang sudah ada.

