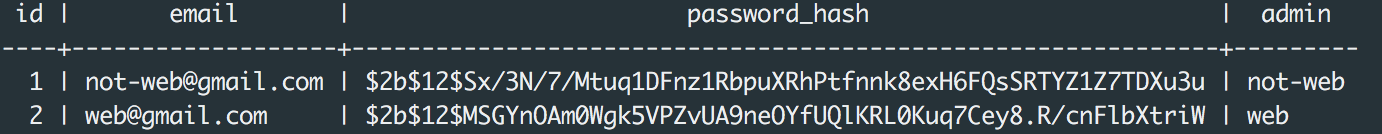
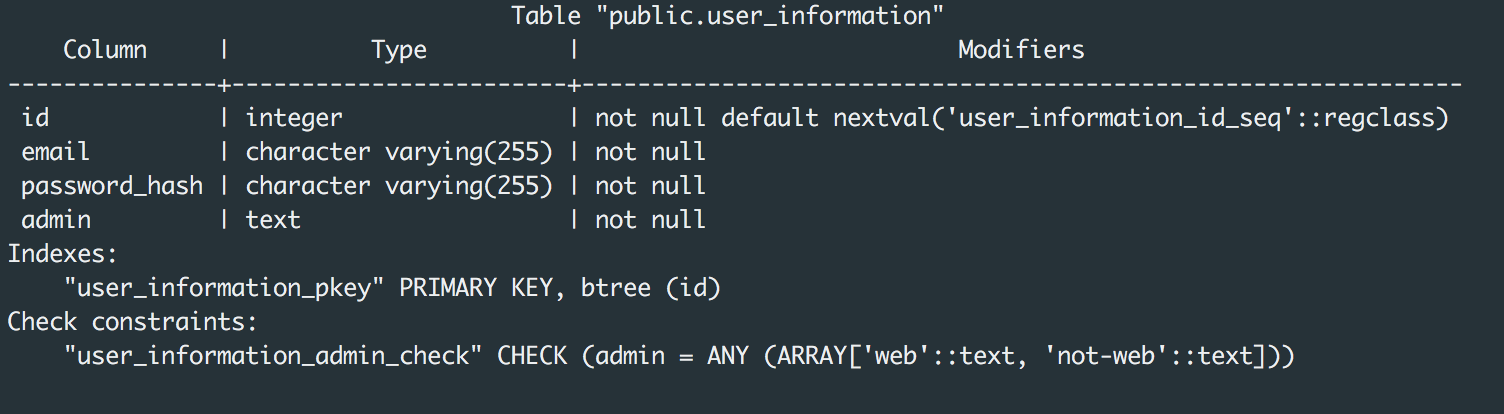
**1.Prepare database:**

There are two ways to do the database preparation. The first way is that you could choose to directly dump the database ***walkthru***. There will be altogether two users in table ***user\_information***:



The first of them is a user who has a web type and the second one has a not-web type. The id is primary key, email is string, password\_bash is their hashed password and the admin is a enum type which only has ‘not-web and web type’. Both of them have password: 123. You could directly use these two users in future API’s.

If you want to do the migration, you need to first create database ***walkthru*** and then run the command: knex migrate:latest. Then you will get an empty ***user\_information*** table as follow:

****

**Notice: The database is empty.**

**2.Play with API’s**

**Notice: The examples are for the first way of preparing the database which is directly dumping the database.**

1.ALL-USER API:

a. GET /

Since it is very easy, I just create a very simple API for all users. If you run ‘GET localhost:3000/’ in postman, it will give back ‘Hello World’.

b. POST /signup

It needs a json with email, password, and admin(‘web’, or ‘not-web’). If you POST a user with other admin type, it will send you back the error. An example is:

{

"email": "web@gmail.com",

"password": "123",

"admin": "web"

}

2.ALL-AUTHENTICATED-USER API:

a. POST /getToken

It will give your authentication token if you are an authenticated user.

Given those two users in our table, you could run as follow:

{

"email": "web@gmail.com",

"password": "123",}

It will give you back a token like this:

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6MiwiaWF0IjoxNTM1OTIzMzg0fQ.hU-rU5hu9OIToxNUTW2SUpi3QzERQgGrpHozgf9d7Mg

3.ONLY-WEB-USER API:

a. POST /getWebToken

It will give your authentication token if you are an authenticated user who has a web type. If you are not-web type for admin, it will give you result as: I can not authorize you since your admin is web.

Example:

{

"email": "not-web@gmail.com",

"password": "123"

}

and

{

"email": "web@gmail.com",

"password": "123"

}