**Creating Blog Database**

**Create the Database**

Right click Databases -> Create -> Database

Name it and save blog\_db

Right click -> Query Tool -> Start writing SQL queries

**Create table user**

CREATE TABLE users(

name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL,

password VARCHAR(255) NOT NULL, -- Hash of password

acct\_created TIMESTAMP NOT NULL,

last\_login TIMESTAMP NOT NULL,

user\_type INTEGER NOT NULL, – How much power the user has

id SERIAL PRIMARY KEY

);

**Create post table**

CREATE TABLE posts(

title VARCHAR(255) NOT NULL,

content TEXT NOT NULL,

user\_id INTEGER REFERENCES user(id)

id SERIAL PRIMARY KEY

);

**Test Database**

1. Create directory test\_db
2. Create main.go file in it
3. In terminal in test\_db directory : go mod init github.com/derekbanas/test\_db
4. Get jackc/pgx library to access the database
   1. go get github.com/jackc/pgx/v4 🡨 In terminal
5. Go mod tidy
6. Insert data into database
   1. INSERT INTO users (name, email, password, acct\_created, last\_login, user\_type) VALUES ('Derek Banas', 'derekbanas@aol.com', 'abcdefghij', current\_timestamp, current\_timestamp, 3);