DATABASE FOR FINAL PROJECT

* PosgresQL

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| Heroku Database | |
| Initial login | psql -U postgres -d postgres, password: 1433 |
| Check all users | \du |
| First login for localhost | psql -h localhost -U postgres |
| Create new user | CREATE USER emmii WITH PASSWORD ‘buns’; |
| Change user privileges | ALTER USER emmii WITH CREATEDB; |
| log in | psql -U emmii -d postgres, password: buns |
| Create new database | CREATE DATABASE bgcdod; |
| Connect to database | \c bgcdod |
| List all database | \l |
| Create table | CREATE TABLE bgcusers (id SERIAL PRIMARY KEY NOT NULL, name CHAR(64) NOT NULL, email VARCHAR(64) NOT NULL, password VARCHAR(256) NOT NULL, UNIQUE (email)); |
| Check columns & constraints | \d bgcusers |
| Look at all data in table | SELECT \* FROM bgcusers; |
| Insert data | INSERT INTO bgcusers (name, email, password) VALUE (‘Dumpling’, ‘dumpling@testmail.com’, ‘pw’); |
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| delete from usr | * delete from usr where uid =’123’; |
| update | * update usr set fname =’bobby’ where fname=’bob’ (or uid=’123’ which is unique so probably better); |
| in index.js | * connectionString: ‘postgres: //postgres:1433@localhost/users’ second ‘postgres’ is user name ‘1433’ is password, ‘localhost’ because local, ‘users’ is the database * could use query to search for user using uid (users/123) * process.env.DATABASE\_URL |
| \q | * quits |
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| local database | * connectionString: 'postgres://postgres:1433@localhost/users' * scheme, user, password, localhost, databse |
| variable in ejs file |  |
| restart serial sequence | ALTER SEQUENCE product\_id\_seq RESTART WITH 1453  ${table}\_${column}\_seq |
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| my local host connectionString | connectionString: 'postgres://postgres:1433@localhost/bgc' |
| change table column types | ALTER TABLE bgcusers ALTER COLUMN uemail TYPE char(64), ALTER COLUMN upass TYPE char(32), ALTER COLUMN fname TYPE char(32), ALTER COLUMN lname TYPE char(32); |

Git

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| Git | |
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NodeJS Testing

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MVC

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ASSIGNMENT 2: