DATABASE FOR FINAL PROJECT

* PosgresQL

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| Heroku Database | |
| psql -U postgres -d postgres | * password: 1433 |
| \du | * checks all the users |
| 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; |
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| \list | * lists all databases |
| create database … | * creates new database |
| \c bgcusers | * ‘now connect to database “users” as user “postgres”. |
| create table usr | * e.g., create table usr (uid char(10), fname char(10), age int); * usr table is created in the database |
| \dt | * looks at the table we’ve created |
| insert into usr | * insert into usr values (‘123’, ‘bob’, 33); |
| \d usr | * gives all the columns and data types |
| select \* from usr | * \* : all of the columns * ‘select’ and ‘from’ are keywords * select \* from usr where age = 45 (‘where’ is a keyword) |
| 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 |
| Create local database table | create table BGCUsers (uemail char(64), upass char(32), admin boolean, fname char(32), lname char(32)); |
| 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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NodeJS Testing

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MVC

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ASSIGNMENT 2: