

LyricRace Milestone 4

Queries:

- To create the users table:

```
CREATE TABLE users
(
  id serial PRIMARY KEY,
  username VARCHAR(40),
  password VARCHAR(255)
);
```

- The users table is populated using the signUpForm page using the query, where \$1 and \$2 are input in the form :

```
INSERT INTO users (username, password) VALUES ($1, $2) RETURNING *;
```

- To create the sessions table:

```
CREATE TABLE "session"
(
  "sid" varchar NOT NULL COLLATE "default",
  "sess" json NOT NULL,
  "expire" timestamp(6) NOT NULL
);
```

- The sessions table is automatically populated using express-session using the postgres store library `connect-pg-simple`
- To create the songs table:

```
CREATE TABLE songs
(
  Id serial PRIMARY KEY,
  title varchar(50) NOT NULL,
  artist varchar(50) NOT NULL,
  lyrics varchar NOT NULL
);
```

- To populate the songs table, this query will be used with some sort of scraping program to get a large list of songs in the database:

```
INSERT INTO users (title, artist, lyrics) VALUES ($1, $2, $3);
```

- To create the scores table:

```
CREATE TABLE scores
(
    songid INTEGER,
    userid INTEGER,
    timesec INTEGER
);
```

- To populate the scores table, the following query is used at the completion of the song:

```
INSERT INTO scores (songid, userid, timesec) VALUES ($1, $2, $3);
```

Find the queries in the SQLScripts.sql file in the home directory of the milestones repository.
Find the database schema below.

