

Assignment 4: Twitter normalisation

```
CREATE TABLE tweets (  
    id BIGINT PRIMARY KEY,  
    date DATE,  
    hour TIME,  
    message VARCHAR,  
    favs BIGINT,  
    rts BIGINT,  
    lang VARCHAR,  
    url VARCHAR,  
    listed BIGINT,  
    uname VARCHAR REFERENCES users(uname),  
    location BIGINT REFERENCES locations(locationId)  
);
```

```
CREATE TABLE users(  
    uname VARCHAR PRIMARY KEY,  
    nickname VARCHAR,  
    bio VARCHAR,  
    picture VARCHAR,  
    followers BIGINT,  
    following BIGINT);
```

```
CREATE TABLE locations(  
    locationId BIGINT PRIMARY KEY,  
    latitude DOUBLE PRECISION,  
    longitude DOUBLE PRECISION,  
    country BIGINT REFERENCES countries(countryId),  
    place BIGINT REFERENCES places(placeId)  
);
```

```
CREATE TABLE places(  
    placeId BIGINT PRIMARY KEY,  
    place VARCHAR  
);
```

```
CREATE TABLE countries ( countryId BIGINT PRIMARY KEY, country VARCHAR);
```

User					
pk_uname	nickname	bio	picture	followers	following
VARCHAR	VARCHA	VARCHA	VARCHAR	BIGINT	BIGINT

