

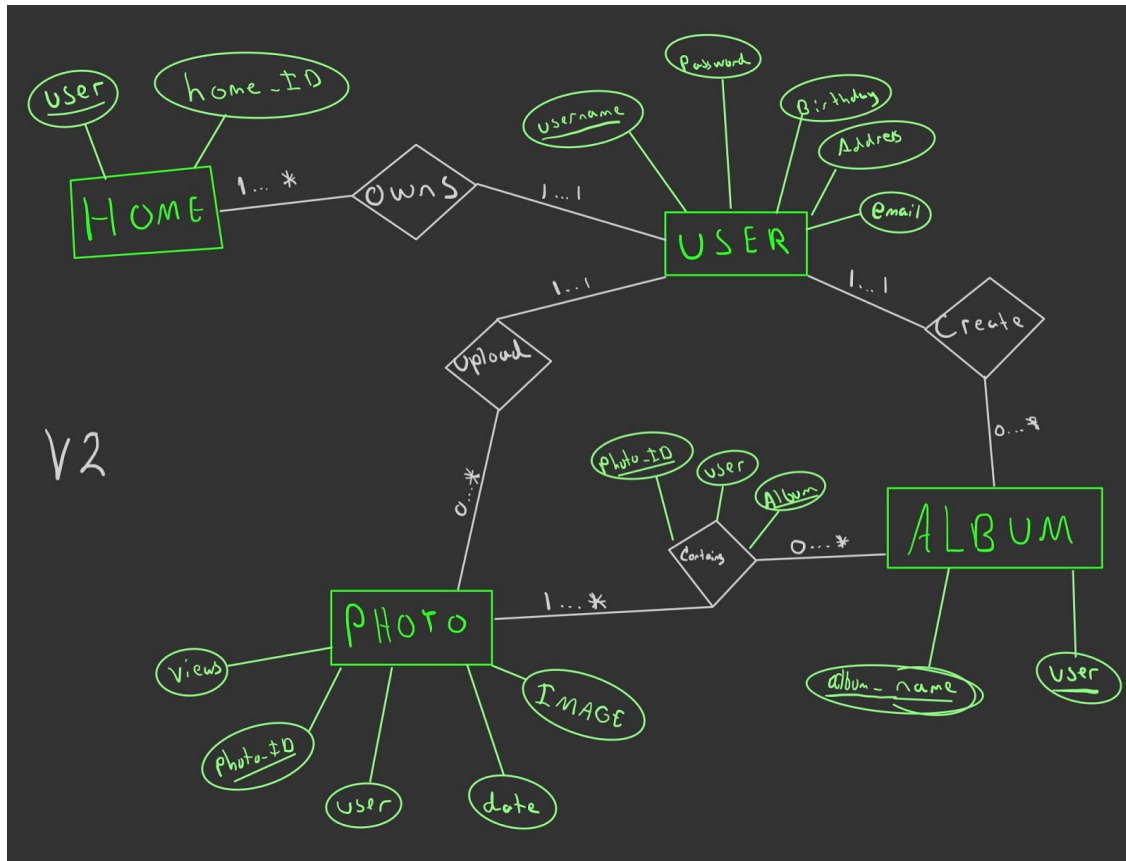
Kevin Lunden, Carter Mooring

Project Part 4

10-22-20

CPSC 321

## 1. ER Diagram



## 2. Relational Schema

user(username, email, password, birthday, address)

home(user, home\_ID)

user -> user (username)

album(album\_name, user)

user -> user (username)

photo(photo\_id, views, user, date, IMAGE)

user -> user (username)

contains(photo\_id, album, user)

user -> user (username),

photo\_id -> photo (photo\_id),

album -> album (album\_name)

```
mysql> select * from (person);
```

| username    | email                  | password | birthday   | address     |
|-------------|------------------------|----------|------------|-------------|
| CarterKekoa | carterkekoa@gmail.com  | 1234     | 1999-08-03 | Spokane, WA |
| Kevin.Lund  | Kevin.Lunden@gmail.com | 12345    | 1999-03-20 | Spokane, WA |

```
2 rows in set (0.00 sec)
```

```
mysql> select * from (home);
```

| person      | home_id |
|-------------|---------|
| CarterKekoa | 1       |
| Kevin.Lund  | 2       |

```
2 rows in set (0.00 sec)
```

```
mysql> select * from (photoAlbum);
```

| album_name | person      |
|------------|-------------|
| Face       | Kevin.Lund  |
| FaceShots  | CarterKekoa |

```
2 rows in set (0.00 sec)
```

```
mysql> select * from (photo);
```

| photo_id | views | person      | date_added |
|----------|-------|-------------|------------|
| 1        | 12    | CarterKekoa | 2020-10-21 |
| 2        | 32    | Kevin.Lund  | 2020-10-20 |

```
2 rows in set (0.01 sec)
```

```
mysql> select * from (contains);
```

| photo_id | person      | photoAlbumName |
|----------|-------------|----------------|
| 1        | CarterKekoa | FaceShots      |
| 2        | Kevin.Lund  | Face           |

```
2 rows in set (0.00 sec)
```

```
mysql>
```

```
klundenz@aaa:~/CPSC521
```