

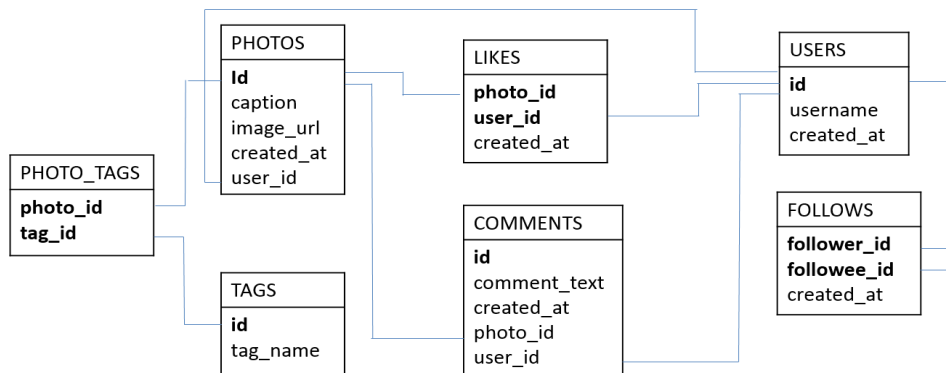
Upiti

Baze Podataka

---

# Upiti - Instagram Clone

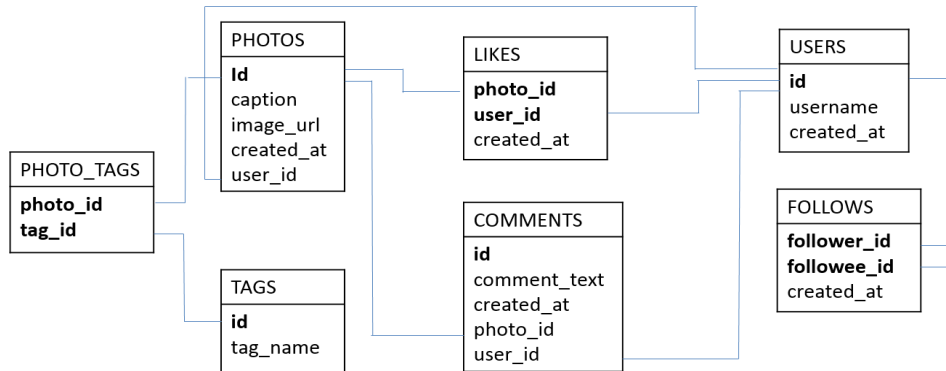
1. Želimo da nagradimo korisnike koji najduže koriste našu platformu. Pronađite prvih 5 korisnika koji su se registrovali na platformi



```
SELECT *  
FROM users  
ORDER BY created_at  
LIMIT 5;
```

# Upiti - Instagram Clone

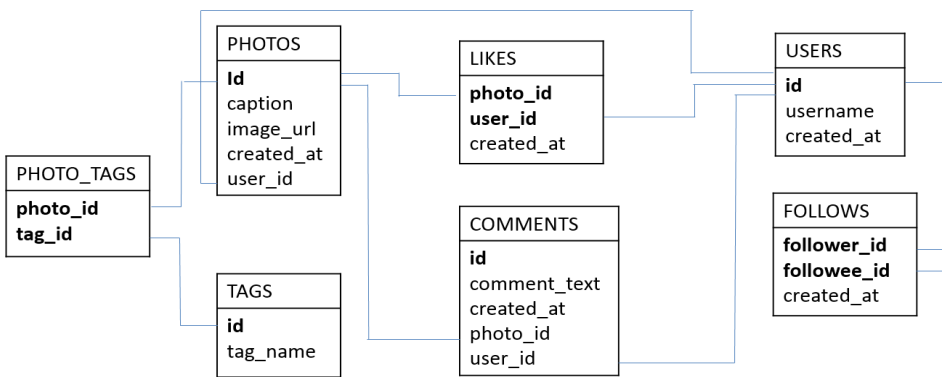
2. Želimo da saznamo kog dana u nedelji se korisnici najčešće registruju jer želimo da pokrenemo ad kampanju tog dana.



```
SELECT
DAYNAME(created_at) AS day, COUNT(*) AS total
FROM users
GROUP BY day
ORDER BY total DESC
LIMIT 2;
```

# Upiti - Instagram Clone

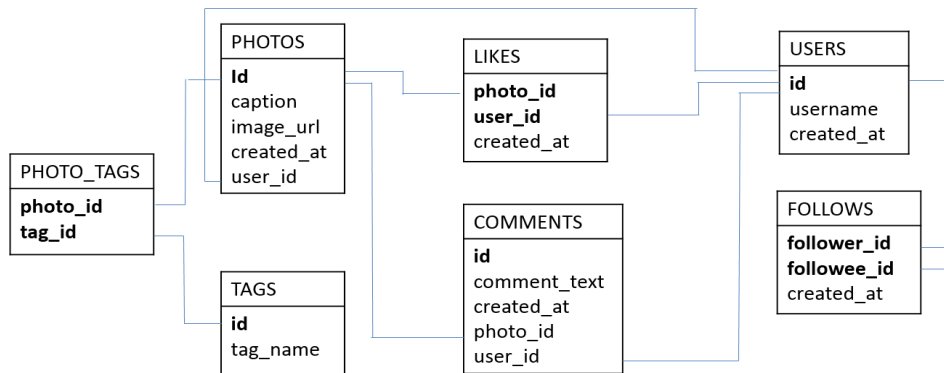
3. Želimo da motivišemo neaktivne korisnike. Prikaži korisnike koji nisu postovali ni jednu fotografiju.



```
SELECT username
FROM users
LEFT JOIN photos
  ON users.id = photos.user_id
WHERE photos.id IS NULL;
```

# Upiti - Instagram Clone

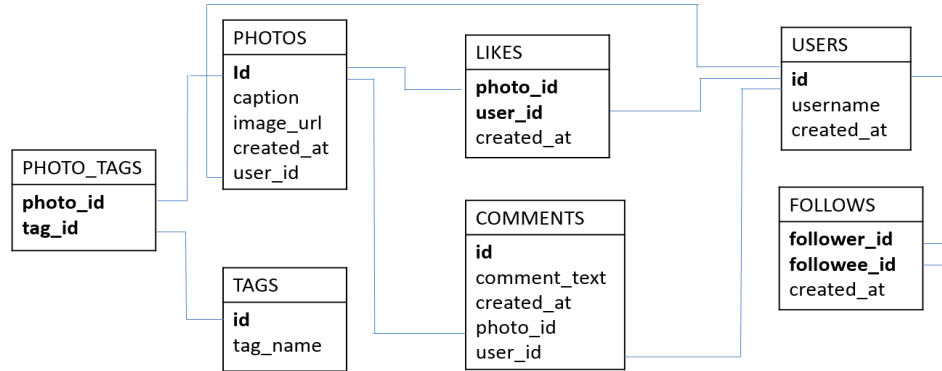
4. Želimo da pronađemo korisnika koji je postavio fotografiju sa najviše lajkova



```
SELECT username, photos.id, photos.image_url, COUNT(*) AS total
FROM photos INNER JOIN likes ON likes.photo_id = photos.id
        INNER JOIN users ON photos.user_id = users.id
GROUP BY photos.id
ORDER BY total DESC
LIMIT 1;
```

# Upiti - Instagram Clone

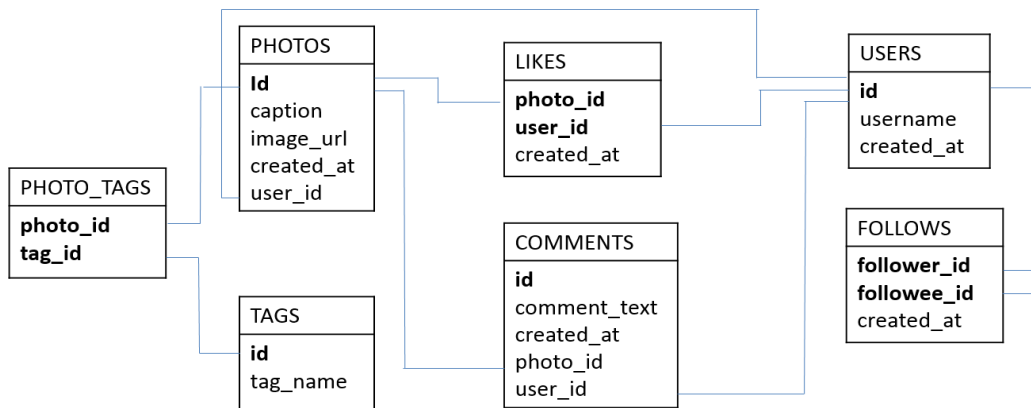
5. Investitor želi da zna koliko često prosečan korisnik postuje fotografije. Odrediti broj fotografija po korisniku



```
SELECT (SELECT Count(*) FROM photos) / (SELECT Count(*) FROM users) AS avg;
```

# Upiti - Instagram Clone

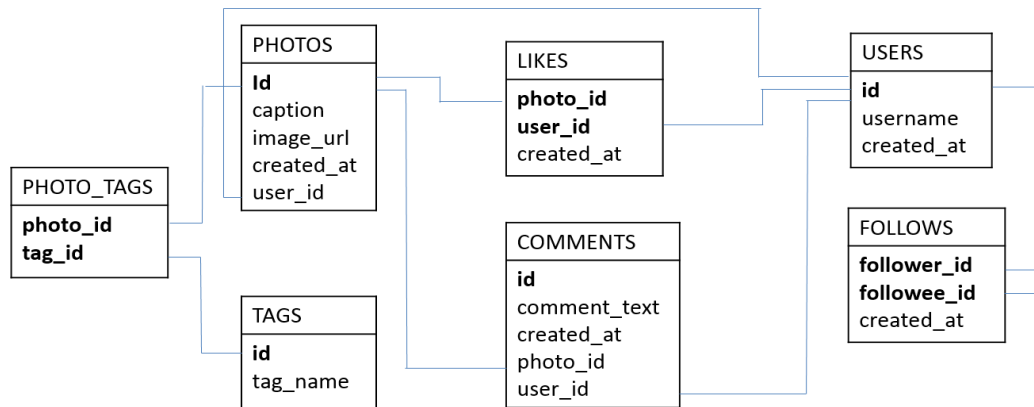
6. Brand kompanija želi da zna koji hashtag je najbolje da koristi. Potrebno je prikazati 5 najpopularnijih hashtag-ova.



```
SELECT tags.tag_name, Count(*) AS total
FROM photo_tags JOIN tags ON photo_tags.tag_id = tags.id
GROUP BY tags.id
ORDER BY total DESC
LIMIT 5;
```

# Upiti - Instagram Clone

7. Postoji problem sa botovima na sajtu. Prikazati korisnike koji su lajkovali svaku fotografiju na sajtu



```
SELECT username, Count(*) AS num_likes
FROM users INNER JOIN likes ON users.id = likes.user_id
GROUP BY likes.user_id
HAVING num_likes = (SELECT Count(*) FROM photos);
```