**Assignment - 3**

1. **Fetch all users name from database.**

SELECT name FROM Users;

1. **Fetch all tweets of user by user id most recent tweets first.**

For example we need to fetch query with user\_id = 1

SELECT tweet\_content, created\_at FROM Tweets WHERE user\_id = 1 ORDER BY created\_at DESC;

1. **Fetch like count of particular tweet by tweet id.**

Suppose from the tweet\_id 24 we need to find the like count

SELECT COUNT(\*) as like\_count FROM Likes WHERE tweet\_id = 24;

1. **Fetch retweet count of particular tweet by tweet id.**

SELECT COUNT(\*) as retweet\_count FROM Retweet WHERE tweet\_id = 24;

1. **Fetch comment count of particular tweet by tweet id.**

SELECT COUNT(\*) as comment\_count FROM Comments WHERE tweet\_id = 25;

1. **Fetch all user’s name who have retweeted particular tweet by tweet id.**

SELECT Users.name FROM Users INNER JOIN Retweets ON Users.user\_id = Retweets.user\_id WHERE Retweets.tweet\_id = 24;

1. **Fetch all commented tweet’s content for particular tweet by tweet id.**

SELECT tweet\_content FROM Tweets WHERE Tweets.reply Tweets.reply\_to\_tweet\_id = 24;

1. **Fetch user’s timeline (All tweets from users whom I am following with tweet content and user name who has tweeted it)**

SELECT Users.name, tweet\_content FROM Tweets INNER JOIN Users ON Tweets.user\_id = Users.user\_id WHERE Follower.follower \_id = 1

Database Schema used for this Assignment

