# CS 262 : Database Management System Laboratory Midsem Lab Report

Project Name : Social Media Website

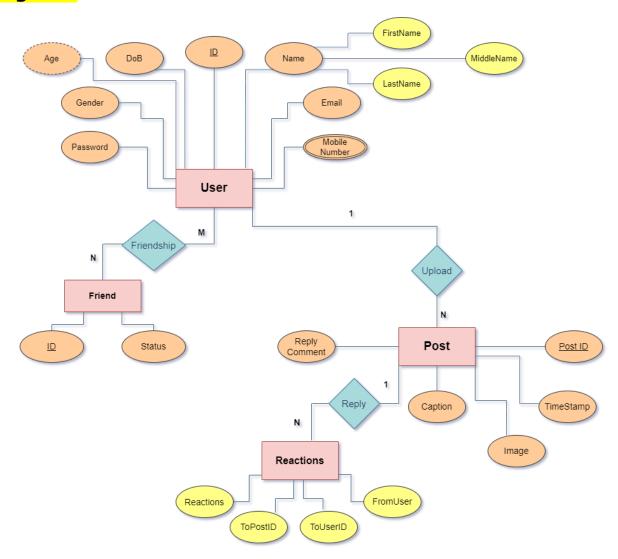
Group Number : Group 14

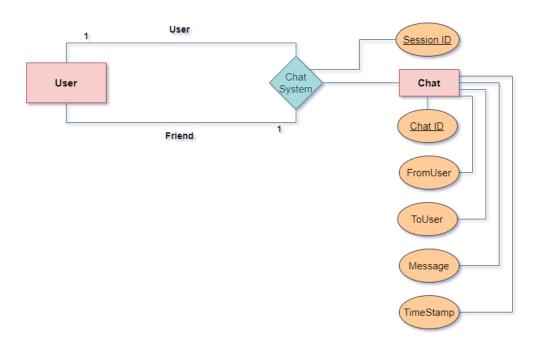
Group TA: Atul Sharma Sir (202171002)

## **Group Members**:

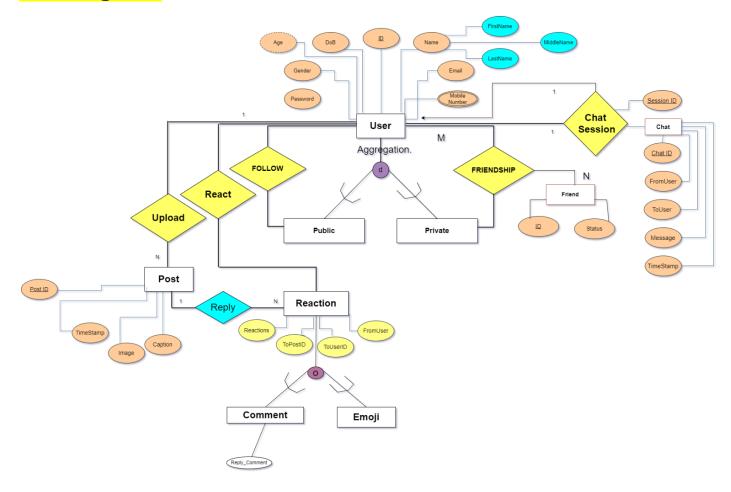
Roll No	Name
202051116	MAYANK MANGAL MOURYA
202051191	TEJAS MADHAV GUNDALE
202051169	SATYAM GUPTA
202051204	WAMAN JAGTAP ABHAY VILASRAO
202051134	PATEL BHAVIK GOVINDBHAI

## **ER Diagram:**





#### **EER Diagram:**

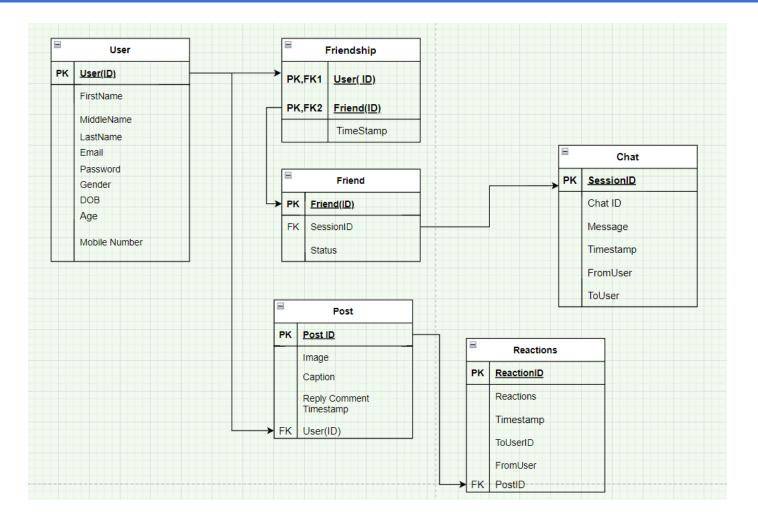


#### **Relation Model:**

Steps to convert ER and EER Model to relational model :-

firstly In our ER and EER mode we have entities, sub entities, attributes and their type. thus,

- Create tables for each entity.
- Entity's attributes should become fields of tables with their respective data types.
- We will make every table one column as the primary key for identifying the entity set.
- Then we map two tables with the help of another table in which we will use foreign key.
- With the help of this method we were able to achieve a Relational model.
- Here we have created separate table only for many to many relationship.



### SQL:

- 1. Create database social networking site.
- **2.** Use social networking site.
- attribute attribute\_datatype key\_ifany,
  .....,
  );
- 4. describe table table\_name;
- **5.** insert into table\_name value( ..... );
- **6.** show table using command-select \* from table\_name;
- **7.** show particular column using command select column\_name1 column\_name2... from table\_name.

- **8.** we can also insert value for particular column using command-insert into table\_name(column\_name, column\_name2.....) values (value1, value2.....);
- 9. we can also delete data from table using commandalter table table\_name drop column column\_name;
- 10. we can also add column using commandalter table table\_name add column column\_name data\_type key;
- **11.** we can delete database table using command-drop table table\_name.
- 12. we can also show particular record using commandselect \* from tablename where "condition";

Lastly we had successfully implemented all queries in our software. screenshot are given below.

```
Server version: 16.027 MySQL Community Server - GPL

Growth MySQL Community Server -
```

