

# **DBMS PROJECT-1**

## **SOCIAL MEDIA DATABASE MANAGEMENT SYSYTEM**

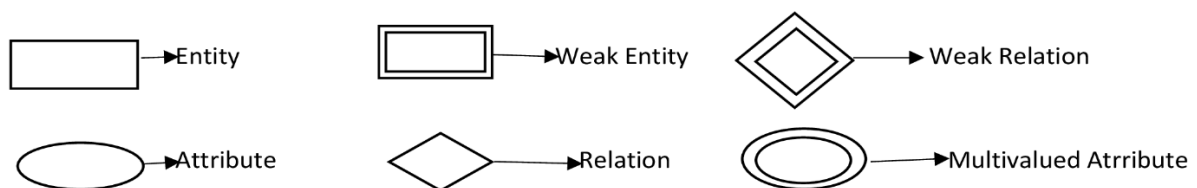
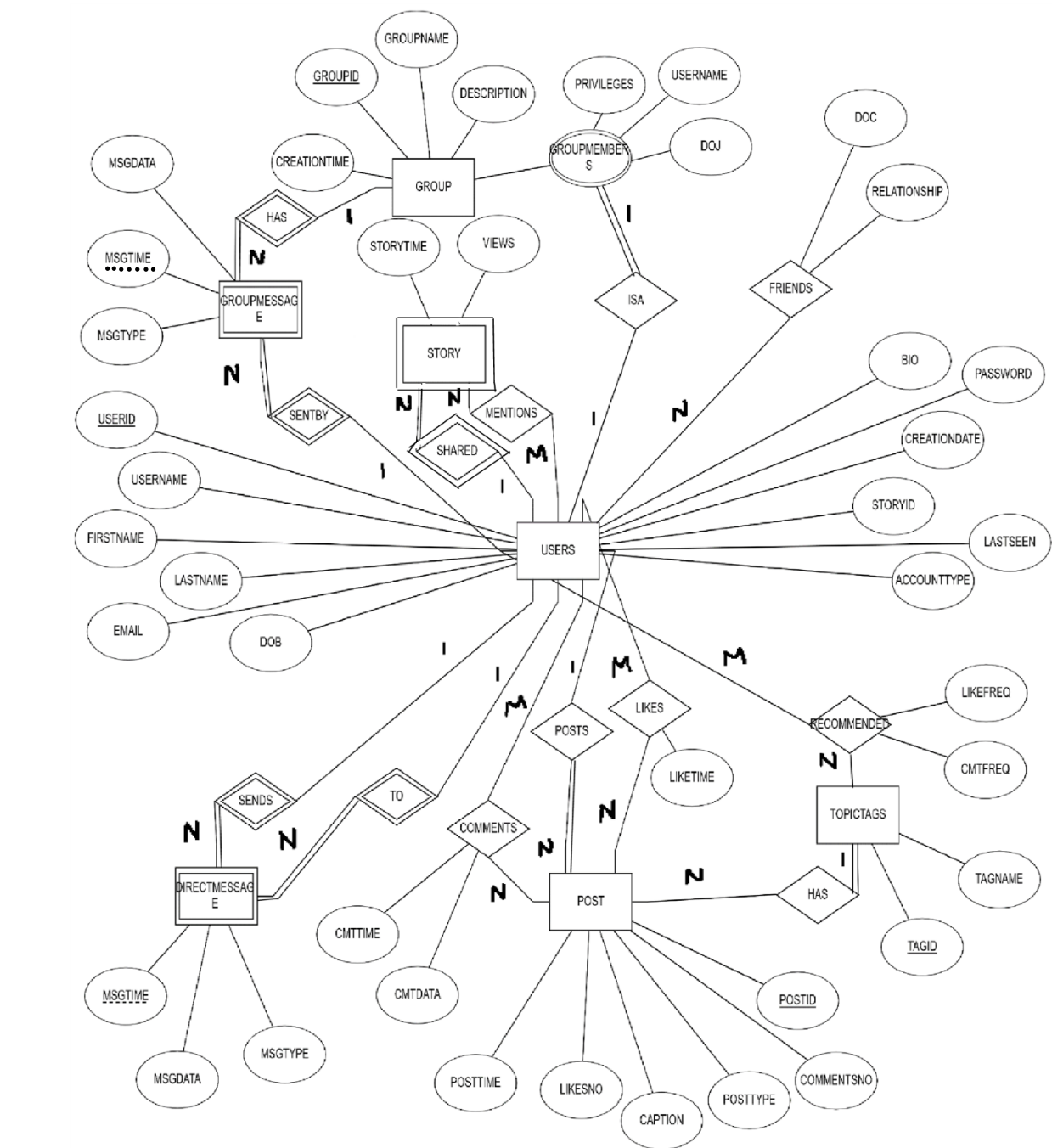
### **PROBLEM STATEMENT:**

Our social media database management system (DBMS) project aims to store, manage the user profiles, communication between them, broadcast posting and in this messaging system can handle both private and group messaging as well.

Users can like and comment on each others posts by this they can make friends among them. Users can post stories these are short duration posts and they can mention their friends and post hashtags as well. Users can keep their bio data so that others can see and make connections based on relationship they hold with others.

### **Team member's details:**

<b>Name</b>	<b>Roll No</b>
<b>Palacharla Sri Satya Naveen</b>	<b>21CSB0B69</b>
<b>Gone Akash</b>	<b>21CSB0B19</b>



KEYS	GROUPS
PK	GROUP_ID
	CREATIONTIME timestamp
	DESCRIPTION varchar
	GROUPNAME

KEYS	FRIENDS
PK FK	SOURCEUSERID number
PK FK	DESTUSERID number
	DOC date
	RELATIONSHIP varchar

KEYS	DIRECTMESSAGE
PK FK	SOURCEUSERID number
PK FK	DESTUSERID number
PK	MSGTIME timestamp
	MSGTYPE varchar
	MSGDATA varchar

KEYS	GROUPMEMEBERS
PK,FK	USERID NUMBER
PK,FK	GROUPID NUMBER
	USERNAME VARCHAR
	PRIVILEGES VARCHAR
	DOJ DATE

KEYS	GROUPMESSAGE
PK,FK	GROUPID NUMBER
PK,FK	USERID NUMBER
	MSGTIME VARCHAR
	MSGTYPE VARCHAR
	MSGTIME TIMESTAMP

KEYS	LIKES
PK,FK	POSTID NUMBER
PK,FK	USERID NUMBER
	LIKETIME TIMESTAMP

KEYS	COMMENTS
PK,FK	POSTID NUMBER
PK,FK	USERID NUMBER
	CMTDATA VARCHAR
	CMTTIME TIMESTAMP

KEYS	USERS
PK	USERID NUMBER
	USERNAME VARCHAR
	FIRSTNAME VARCHAR
	LASTNAME VARCHAR
	EMAIL VARCHAR
	DOB DATE
	CREATIONDATE DATE
	BIO VARCHAR
	PASSWORD VARCHAR
	ACCOUNTTYPE VARCHAR
	LASTSEEN TIMESTAMP
	STORYID NUMBER

KEYS	POSTS
PK	POSTID NUMBER
FK	USERID NUMBER
	CAPTION VARCHAR
	POSTTYPE VARCHAR
	POSTTAGID NUMBER
	POSTTIME TIMESTAMP
	LIKESNO NUMBER
	COMMENTSNO NUMBER

KEYS	MENTIONS
PK,FK	STORYID NUMBER
PK,FK	USERID NUMBER

KEYS	STORIES
PK,FK	STORYID NUMBER
	VIEWS NUMBER
	STORYTIME TIMESTAMP

KEYS	RECOMMEND
PK,FK	TAGID NUMBER
PK,FK	USERID NUMBER
	LIKEFREQ NUMBER
	CMTFREQ NUMBER

KEYS	TOPICTAGS
PK	TAGID NUMBER
	TAGNAME VARCHAR

