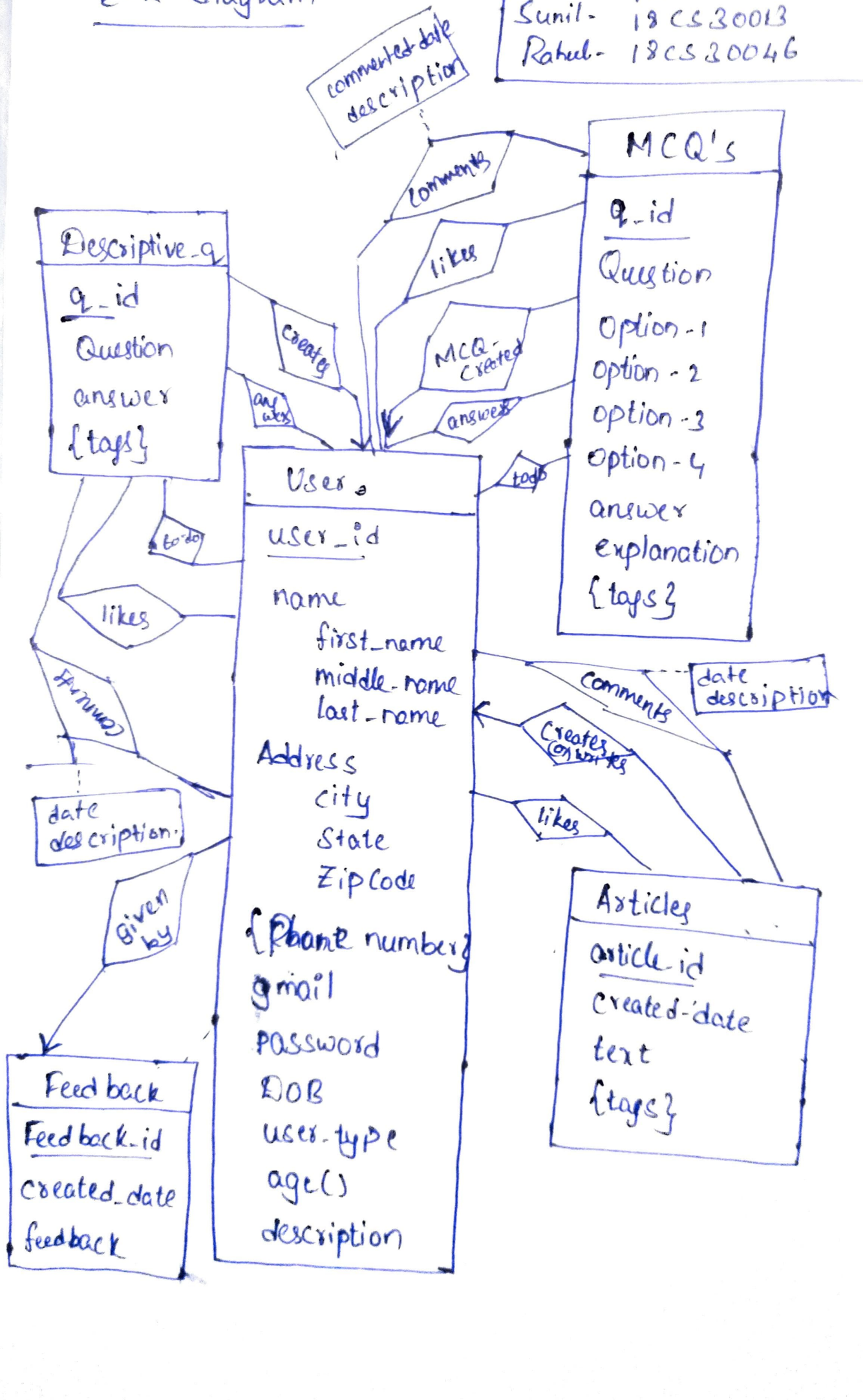
E-R diagram

Lokesh - 18CS10010
Sunil - 18CS30013
Rahul - 18CS30046



1. User(
user_id int,
first_name varchar(20) not null,
mid-name varchar(20)
last-name varchar(20)
city varchar(20)
State varchar(20)
zipcode char(6)
gmail varchar(20)
password varchar(20)
DOB DATE
age() int
Biodata TEXT
usertype varchar(20)
primary key (user-id)
check usertype in (admin, user, creator))

2. MCQ(
q-id int,
ques TEXT, not null
opt-1 varchar(100) not null
opt-2 varchar(100) not null
opt-3 varchar(100)
opt-4 varchar(100)
ans ~~varchar(100)~~ int not null
explantion TEXT,
creator-id int,
primary key (q-id)
check ans in (1, 2, 3, 4)
foreign key (creator-id) references User)

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3- DESCQ(
q_id int
ques TEXT not null
ans TEXT not null
creator_id int
primary key(q_id)
foreign key (creator_id) references user)

4. Comment(
user_id int not null
description TEXT not null
comnt_on int not null
~~reply_to~~ ~~int~~
type Varchar(20)
time TIMESTAMP
primary key (user_id, comnt_on, type, time)
foreign key (user_id) references User
check type in (MCQ, DES, ~~ARTI~~)

5. Phone(
user_id int
phone_num char(10) ~~not null~~
primary key (user_id, phone_num)
foreign key (user_id) references User)

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6. Updates(
creator-id int
description TEXT not null
time TIMESTAMP
primary key (creator-id, time)
foreign key (creator-id) references User)

7. feedback(
fb-id int
user-id int
feedback TEXT not null
time TIMESTAMP
primary key (fb-id))

8. likedques(
user-id int
ID int
type Varchar(20)
primary key(user-id, ID, type)
check type in (MCQ, DES, ART)
foreignkey (user-id) references User
foreignkey (ID) references MCQ, DESCQ, ARTCLE)

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9. ARTICLE(
art_id int
creator_id int not null
time TIMESTAMP not null
content TEXT not null
primary key (art_id)
foreign key (creator_id) reference User)

10. completed(
user_id int
ID int
type varchar(20)
primary key (user_id, ID, type)
check type in (MCQ, DESCQ, ARTICLE
foreign key (user_id) references User
foreign key (ID) references MCQ, DESCQ, ARTICLE)

11. todos(
user_id int
ID int
type ~~int~~ varchar(20)
primary key (user_id, ID, type)
check type in (MCQ, DESCQ, ARTCLE)
foreign key (user_id) references User
foreign key (ID) references MCQ, DESCQ, ARTCLE).

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12. TAGS (
ID int
type varchar(20)
tag varchar(20)
primary key (ID, type, tag)
check type in (MCQ, DESCQ, ARTCLE))

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