According to [here](http://dev.mysql.com/doc/refman/5.0/en/integer-types.html), int(11) will take 4 bytes of space that is 32 bits of space with 2^(31) = 2147483648 max value and -2147483648min value. One bit is for sign.

CREATE TABLE roles (

role\_id int primary key,

role\_name varchar(25) not null

);

INSERT INTO roles VALUES (1,’USER');

INSERT INTO roles VALUES (2,’USER');

INSERT INTO roles VALUES (3,'ADMIN’);

CREATE TABLE users (

user\_id int primary key,

full\_name varchar(25) not null,

mobile numeric not null unique,

email varchar(30) not null unique,

address varchar(50) not null,

password varchar(64) not null

);

INSERT INTO users(user\_id,full\_name,mobile,email,address,password) VALUES (1, “Rajesh”,9063374806,”rajeshkumar@gmail.com”,

“\*\*\*\*\*\*\*\*\*”);

INSERT INTO users VALUES (2, ‘Prakash’,’9063374807’,jayaprakash@gmail.com’,

‘$2a$10$hKDVYxLefVHV/vtuPhWD3OigtRyOykRLDdUAp80Z1crSoS1lFqaJP’);

INSERT INTO users VALUES (3, ‘admin’,’9063374803’,’admin@gmail.com’, ‘$2a$10$ByIUiNaRfBKSV6urZoBBxe4UbJ/sS6u1ZaPORHF9AtNWAuVPVz1by’);

Create table user\_role(

user\_id int references users(user\_id),

role\_id int references roles(role\_id)

);

insert into user\_role(user\_id, role\_id) values(

(1,1),

(2,1),

(3,2)

);