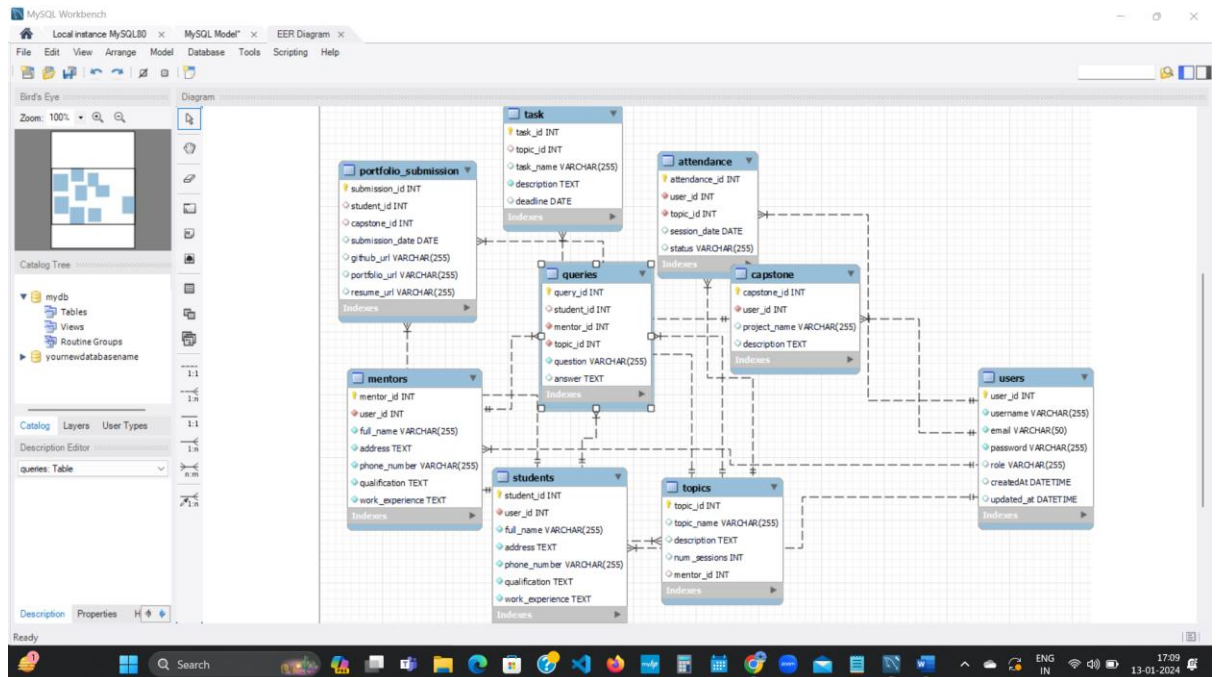


Design DB model for Guvi Zen class



CODE:

```
create database guvi1;
```

```
use guvi1;
```

```
create table user(
```

```
id int,
```

```
name varchar(255),
```

```
email varchar(255),
```

```
mobile varchar(10),
```

```
status boolean,
```

```
createdAt datetime
```

```
);
```

```
select * from user;
```

```
insert into user values
```

```
();
```

```
drop table user;
```

```
create table user(
```

```
id int unique not null auto_increment,
```

```
name varchar(255),
email varchar(255) unique not null,
mobile varchar(10) not null,
status boolean default true,
created datetime default now(),
```

```
primary key(id)
```

```
);
```

```
insert into user (name,email,mobile) values
('Arman','arman@gmail.com','1234567890'),
('Sarath','sarath@gmail.com','5214369874'),
('Amritha','amritha@gmail.com','8596471230'),
('Kanchu','kanchu@gmail.com','6214567890'),
('Mani','mani@gmail.com','4251367890');
```

```
select * from user;
```

```
update user set
```

```
status = 0,
```

```
mobile = '1111111111'
```

```
where id = 5;
```

```
SET SQL_SAFE_UPDATES = 0;
```

```
delete from user where name is null;
```

```
create table courses(
```

```
id int auto_increment primary key,
```

```
name varchar(255),
```

```
status boolean default true,
```

```
duration varchar(10)
```

```
);
```

```
select * from courses;

--

create database maggi;

use maggi;

create table students(

    id int not null unique primary key auto_increment,

    name varchar(255),

    email varchar(255) not null unique,

    mobile varchar(10) not null,

    age int(2) not null,

    status boolean default false,

    createdAt datetime default now()

);

select * from students;

insert into students(name, email, mobile, age) values

('Maggi', 'maggi@gmail.com', '6369706514', 23),

('Kanchu', 'kanchu@gmail.com', '6389415670', 23),

('Bala', 'bala@gmail.com', '9725841367', 24),

('Mani', 'mani@gmail.com', '9362412309', 22),

('Yashu', 'yash@gmail.com', '9443056124', 21);


update students set

status=1,

mobile='1111111111'

where id=2;

select * from students;

update students set

status=1,

mobile='2222222222'

where id=4;
```

```
SET SQL_SAFE_UPDATES=0;
```

```
delete from students where id = 5;
```

```
select * from students;
```

```
create table courses(
```

```
    id int auto_increment primary key,
```

```
    course varchar(255) not null,
```

```
    fee int(5) not null,
```

```
    status boolean default true,
```

```
    createdAt datetime default now()
```

```
);
```

```
select * from courses;
```

```
insert into courses(course,fee)values
```

```
('PHP',30000),
```

```
('UI/UX0',35000),
```

```
('PYTHON',40000),
```

```
('MEAN',60000),
```

```
('MERN',70000);
```

```
select * from courses;
```

```
SET SQL_SAFE_UPDATES=0;
```

```
delete from courses where id = 5;
```

```
create table students_courses(
```

```
    id int auto_increment primary key,
```

```
    studentsID int not null,
```

```
    coursesID int not null,
```

```
    foreign key(studentsID) references students(id),
```

```
    foreign key(coursesID) references courses(id)
```

```
);
```

```
select * from students;

select * from courses;

select * from students_courses;

insert into students_courses(studentsID,coursesID)values
(4,1),(2,3),(3,4);

select * from students_courses;

select students.name, students.email, courses.course, courses.fee
from students_courses
join students on students_courses.studentsID = students.id
join courses on students_courses.coursesID = courses.id;

SET SQL_SAFE_UPDATES=0;

UPDATE students_courses SET studentsID = 3
WHERE studentsID = 4;

DELETE FROM students WHERE id = 4;

select * from students;

alter table courses
add column status boolean not null default true;

alter table courses
add column createdAt datetime default now();
```

