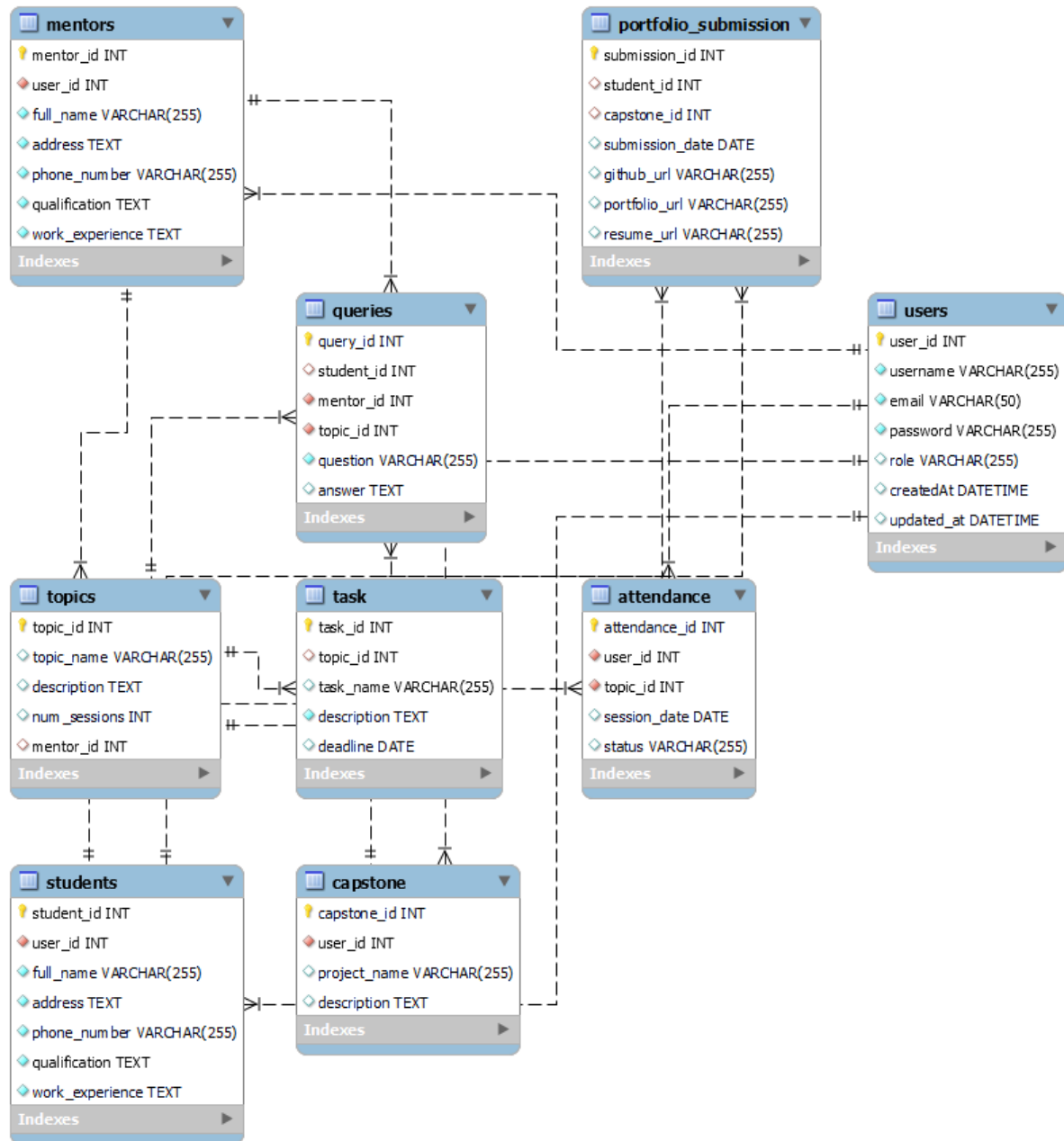


# Design DB model for Guvi Zen class



## CODE:

```
create database guvi;

use guvi;

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
('surya','surya@gmail.com','8689252673'),
('balaji','balaji@gmail.com','8915267722'),
('sudhkar','sudhakar@gmail.com','5648292937'),
('kumar','kumar@gmail.com','9548574849'),
('ramash','ramash@gmail.com','7458945748');
select * from user;
update user set
status = 0,
mobile = '6758943094'
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 star;
use star;
```

```
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  
('surya', 'surya@gmail.com', '5849384939', 23),  
('kamal', 'kamal@gmail.com', '9485948549', 23),  
('tamil', 'tamil@gmail.com', '9078695084', 26),  
('krish', 'krish@gmail.com', '0984578493', 20),  
('eswer', 'eswer@gmail.com', '9068756437', 21);  
  
update students set  
status=1,  
mobile='9586758475'  
where id=2;  
  
select * from students;  
  
update students set  
status=0,  
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
('JAVASCRIPT',25000),
('c#',15000),
('PYTHON',30000),
('MERN',80000),
('java',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
MODIFY COLUMN status BOOLEAN NOT NULL DEFAULT TRUE;
ALTER TABLE Courses
MODIFY COLUMN createdAt DATETIME DEFAULT CURRENT_TIMESTAMP;
select * from courses;
```