

# **Design DB model for Guvi Zen**

## **class**

```
create table users(  
  user_id int primary key,  
  username varchar(255),  
  email varchar(255),  
  createdAt datetime  
);
```

```
create table students(  
  student_id int primary key,  
  user_id int,  
  full_name varchar(255),  
  address varchar(255),  
  phone_number varchar(10),  
  qualification text,  
  work_experience text  
);
```

```
create table mentors(  
  mentor_id int primary key,  
  user_id int,
```

```
full_name varchar(255),  
address varchar(255),  
phone_number varchar(10),  
qualification text,  
work_experience text  
);
```

```
create table topics(  
topic_id int primary key,  
topic_name varchar(255),  
description text,  
sessions int,  
mentor_id int  
);
```

```
create table tasks(  
task_id int primary key,  
topic_id int,  
task_name varchar(255),  
description text,  
deadline date  
);
```

```
create table attendance(
```

```
attendance_id int primary key,  
user_id int,  
topic_id int,  
session_date date,  
status varchar(255)  
);
```

```
alter table students add foreign key(user_id)references users (user_id);  
alter table mentors add foreign key (user_id) references users (user_id);  
alter table topics add foreign key (mentor_id) references mentors  
(mentor_id);  
alter table tasks add foreign key (topic_id) references topics (topic_id);  
alter table attendance add foreign key (topic_id) references topics  
(topic_id);  
alter table attendance add foreign key (user_id) references users  
(user_id);
```

# ER-DIAGRAM

