create database Zen\_Class\_Database;

use Zen\_Class\_Database;

create table users(

user\_id int primary key,

username varchar(255) not null,

email varchar(50) not null unique,

password varchar(20) not null,

role varchar(255),

createdAt datetime default now(),

updated\_at datetime

);

create table students(

student\_id int primary key,

user\_id int not null,

full\_name varchar(255) not null,

address text not null,

phone\_number varchar(10) not null,

qualification text not null,

work\_experience text not null

);

create table mentors(

mentor\_id int primary key,

user\_id int not null,

full\_name varchar(255) not null,

address text not null,

phone\_number varchar(255) not null,

qualification text not null,

work\_experience text not null

);

create table topics (

topic\_id int primary key,

topic\_name varchar(255),

description text,

num\_sessions int,

mentor\_id int

);

create table task(

task\_id int primary key,

topic\_id int,

task\_name varchar(255),

description text not null,

deadline date

);

create table attendance(

attendance\_id int primary key,

user\_id int not null,

topic\_id int not null,

session\_date date,

status varchar(255)

);

create table capstone(

capstone\_id int primary key,

user\_id int not null,

project\_name varchar(255),

description text

);

create table queries(

query\_id int primary key,

student\_id int unique,

mentor\_id int unique not null,

topic\_id int unique not null,

question varchar(255) unique not null,

answer text

);

create table portfolio\_submission (

submission\_id int primary key,

student\_id int,

capstone\_id int,

submission\_date date,

github\_url varchar(255),

portfolio\_url varchar(255),

resume\_url 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 `task` ADD FOREIGN KEY (`topic\_id`) REFERENCES `topics` (`topic\_id`);

ALTER TABLE `attendance` ADD FOREIGN KEY (`user\_id`) REFERENCES `users` (`user\_id`);

ALTER TABLE `attendance` ADD FOREIGN KEY (`topic\_id`) REFERENCES `topics` (`topic\_id`);

ALTER TABLE `capstone` ADD FOREIGN KEY (`user\_id`) REFERENCES `users` (`user\_id`);

ALTER TABLE `queries` ADD FOREIGN KEY (`student\_id`) REFERENCES `students` (`student\_id`);

ALTER TABLE `queries` ADD FOREIGN KEY (`mentor\_id`) REFERENCES `mentors` (`mentor\_id`);

ALTER TABLE `queries` ADD FOREIGN KEY (`topic\_id`) REFERENCES `topics` (`topic\_id`);

ALTER TABLE `portfolio\_submission` ADD FOREIGN KEY (`student\_id`) REFERENCES `students` (`student\_id`);

ALTER TABLE `portfolio\_submission` ADD FOREIGN KEY (`capstone\_id`) REFERENCES `capstone` (`capstone\_id`);