DB -TASK 2

***TO CREATE A DATABASE:***

CREATE DATABASE Guvi\_Zenclass;

***TO CREATE A TABLE CALLED Zenclass:***

CREATE TABLE Users(user\_id INT PRIMARY KEY,username VARCHAR(255),email VARCHAR(255), phone\_number INT, password VARCHAR(50));

***TO CREATE A TABLE CALLED Students:***

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,FOREIGN KEY (user\_id) REFERENCES Users (user\_id));

***TO CREATE A TABLE CALLED Mentors:***

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,FOREIGN KEY (user\_id) REFERENCES Users (user\_id));

***TO CREATE A TABLE CALLED Topics:***

CREATE TABLE Topics(topic\_id INT PRIMARY KEY,topic\_name VARCHAR(255),topic\_description TEXT,sessions INT,mentor\_id INT,FOREIGN KEY (mentor\_id) REFERENCES Mentors (mentor\_id));

***TO CREATE A TABLE CALLED Tasks:***

CREATE TABLE Tasks(task\_id INT PRIMARY KEY,topic\_id INT,task\_name VARCHAR(255),task\_description TEXT,task\_deadline DATE,FOREIGN KEY (topic\_id) REFERENCES Topics (topic\_id));

***TO CREATE A TABLE CALLED Attendance:***

CREATE TABLE Attendance(attendance\_id INT PRIMARY KEY,user\_id INT,topic\_id INT,session\_date DATE,attendance\_status VARCHAR(255),FOREIGN KEY (topic\_id) REFERENCES Topics (topic\_id),FOREIGN KEY (user\_id) REFERENCES Users (user\_id));

*EER DIAGRAM:*

