

DATABASE

CREATE DATABASE GUVI;

TABLE CREATIONS:

USE GUVI;

CREATE TABLE **users** (

userid **INT PRIMARY KEY**,

name **VARCHAR(255) NOT NULL**,

email **VARCHAR(255) NOT NULL UNIQUE**,

created_at **TIMESTAMP**

);

CREATE TABLE **students** (

studentid **INT PRIMARY KEY**,

userid **INT**,

fullname **VARCHAR(255) NOT NULL**,

phone **INT NOT NULL**,

FOREIGN KEY (userid) **REFERENCES** users(userid)

);

CREATE TABLE **mentors** (

mentorid **INT PRIMARY KEY**,

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userid INT,  
fullname VARCHAR(255) NOT NULL,  
phone INT NOT NULL,  
FOREIGN KEY (userid) REFERENCES users(userid)  
);  
  
CREATE TABLE topics (  
    topicid INT PRIMARY KEY,  
    topicname VARCHAR(255),  
    description TEXT NOT NULL,  
);  
  
CREATE TABLE tasks (  
    taskid INT PRIMARY KEY,  
    topicid INT,  
    taskname VARCHAR(255),  
    description TEXT,  
    due_date DATE,  
    assigned_to INT,  
    FOREIGN KEY (topicid) REFERENCES topics(topicid),  
    FOREIGN KEY (assigned_to) REFERENCES users(userid)
```

);

CREATE TABLE attendance (

attendanceid **INT PRIMARY KEY**,

userid **INT**,

date **DATE**,

status **VARCHAR(20)**,

FOREIGN KEY (userid) **REFERENCES** users(userid)

);