

```
CREATE DATABASE zen_classDB;  
USE zen_classDB;
```

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```
CREATE TABLE users_details (  
  user_id INT PRIMARY KEY,  
  user_name VARCHAR(25) NOT NULL,  
  email VARCHAR(50) NOT NULL UNIQUE,  
  password VARCHAR(20) NOT NULL,  
  role ENUM('student', 'mentor') NOT NULL,  
  createdAt DATETIME DEFAULT CURRENT_TIMESTAMP  
);
```

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```
CREATE TABLE students_details (  
  student_id INT PRIMARY KEY,  
  user_id INT NOT NULL,  
  name VARCHAR(20) NOT NULL,  
  address VARCHAR(100) NOT NULL,  
  phone_number VARCHAR(20) NOT NULL,  
  qualification TEXT NOT NULL,  
  year_of_passing INT,  
  work_experience VARCHAR(20) NOT NULL,  
  FOREIGN KEY (user_id) REFERENCES users_details(user_id)  
);
```

```
-- -----  
  
CREATE TABLE mentors_details (  
  mentor_id INT PRIMARY KEY,  
  user_id INT NOT NULL,  
  name VARCHAR(20) NOT NULL,  
  address VARCHAR(100) NOT NULL,  
  phone_number VARCHAR(20) NOT NULL,  
  qualification VARCHAR(100) NOT NULL,  
  work_experience TEXT NOT NULL,  
  FOREIGN KEY (user_id) REFERENCES users_details(user_id)  
);
```

```
-- -----  
  
CREATE TABLE class_topics (  
  topic_id INT PRIMARY KEY,  
  mentor_id INT,  
  topic_title VARCHAR(30),  
  topic_content VARCHAR(100),  
  number_of_sessions INT,  
  
  FOREIGN KEY (mentor_id) REFERENCES mentors_details(mentor_id)  
);
```

```
-- -----  
  
CREATE TABLE tasks (  
  task_id INT PRIMARY KEY,  
  topic_id INT,  
  task_title VARCHAR(20),  
  task_content VARCHAR(100) NOT NULL,  
  deadline DATE,  
  FOREIGN KEY (topic_id) REFERENCES class_topics(topic_id)  
);
```

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```
CREATE TABLE attendance (  
  attendance_id INT PRIMARY KEY,  
  user_id INT NOT NULL,  
  topic_id INT NOT NULL,  
  session_date DATE,  
  status ENUM('absent','present') NOT NULL,  
  FOREIGN KEY (user_id) REFERENCES users_details(user_id),  
  FOREIGN KEY (topic_id) REFERENCES class_topics(topic_id) );
```

-- -----

```
CREATE TABLE queries (  
  query_id INT PRIMARY KEY,  
  student_id INT,  
  topic_id INT,  
  mentor_id INT,  
  question VARCHAR(50) NOT NULL,  
  answer VARCHAR(200),  
  FOREIGN KEY (student_id) REFERENCES students_details(student_id),  
  FOREIGN KEY (topic_id) REFERENCES class_topics(topic_id),  
  FOREIGN KEY (mentor_id) REFERENCES mentors_details(mentor_id)  
);
```

-- -----

```
CREATE TABLE capstones (  
  capstone_id INT PRIMARY KEY,  
  user_id INT NOT NULL,  
  project_name VARCHAR(100),  
  description VARCHAR(200),  
  FOREIGN KEY (user_id) REFERENCES users_details(user_id)  
);
```

```
CREATE TABLE portfolio_submissions (  
  submission_id INT PRIMARY KEY,  
  student_id INT,  
  capstone_id INT,  
  submission_date DATE,  
  status VARCHAR(200),  
  comment VARCHAR(200),  
  github_url VARCHAR(100),  
  portfolio_url VARCHAR(100),  
  resume_url VARCHAR(100),  
  FOREIGN KEY (student_id) REFERENCES students_details(student_id),  
  FOREIGN KEY (capstone_id) REFERENCES capstones(capstone_id)  
);
```

```
CREATE TABLE mock_interview(  
  mock_interview_id INT PRIMARY KEY,  
  student_id INT ,  
  interviewer_NAME INT,  
  interview_round VARCHAR(20),  
  interview_date DATE,  
  attended ENUM('yes','no') NOT NULL,  
  interview_topics VARCHAR(200),  
  recording_url VARCHAR(100),  
  over_all_score DOUBLE,  
  comments VARCHAR(300),  
  FOREIGN KEY (student_id) REFERENCES students_details(student_id)  
);
```