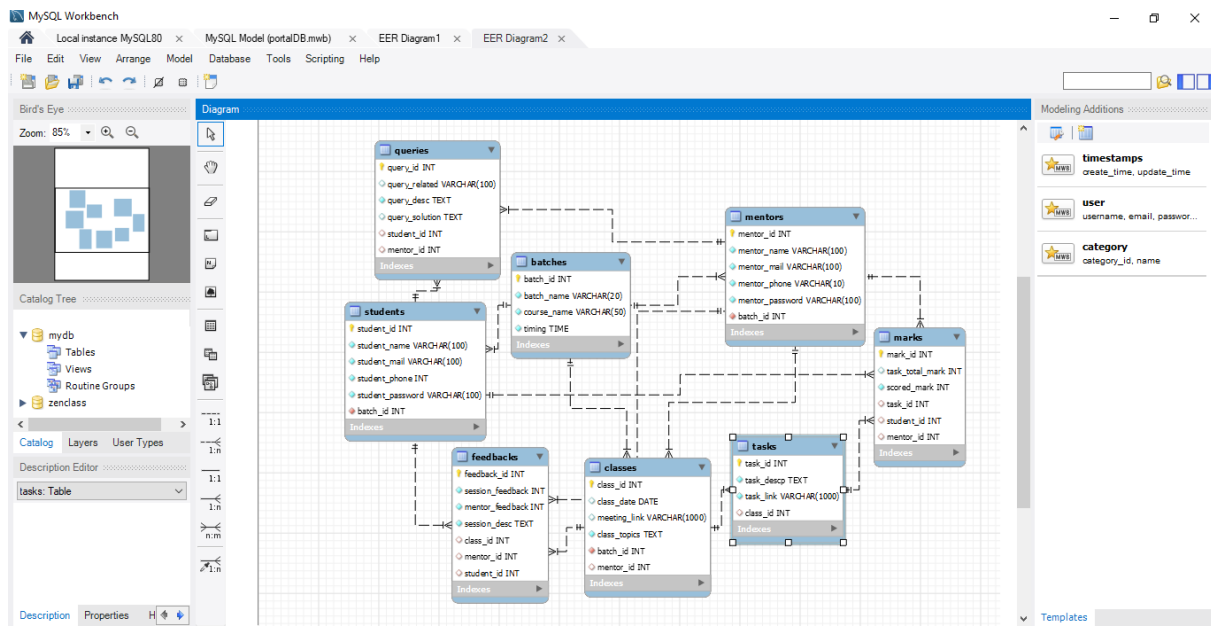


ZEN PORTAL DB DESIGN



QUERIES

CREATE TABLE

IF NOT EXISTS batches(

batch_id INT PRIMARY KEY,

batch_name VARCHAR(20) NOT NULL,

course_name VARCHAR(50) NOT NULL,

timing TIME NOT NULL);

CREATE TABLE students(

student_id INT PRIMARY KEY,

student_name VARCHAR(100) NOT NULL,

student_mail VARCHAR(100) NOT NULL,

student_phone INT(10) NOT NULL,

student_password VARCHAR(100) NOT NULL,

```
batch_id INT NOT NULL,  
FOREIGN KEY (batch_id) REFERENCES batches(batch_id)  
);
```

```
CREATE TABLE mentors(  
mentor_id INT PRIMARY KEY,  
mentor_name VARCHAR(100) NOT NULL,  
mentor_mail VARCHAR(100) NOT NULL,  
mentor_phone VARCHAR(10) NOT NULL,  
mentor_password VARCHAR(100) NOT NULL,  
batch_id INT NOT NULL,  
FOREIGN KEY (batch_id) REFERENCES batches(batch_id)  
);
```

```
CREATE TABLE classes(  
class_id INT PRIMARY KEY,  
class_date DATE ,  
meeting_link VARCHAR(1000),  
class_topics TEXT NOT NULL,  
batch_id INT NOT NULL,  
FOREIGN KEY (batch_id) REFERENCES batches(batch_id),  
mentor_id INT ,  
FOREIGN KEY (mentor_id) REFERENCES mentors(mentor_id)  
);
```

```
CREATE TABLE feedbacks(  
feedback_id INT PRIMARY KEY,  
session_feedback INT NOT NULL,  
mentor_feedback INT NOT NULL,  
session_desc TEXT NOT NULL,  
class_id INT ,  
FOREIGN KEY (class_id) REFERENCES classes(class_id),  
mentor_id INT ,  
FOREIGN KEY (mentor_id) REFERENCES mentors(mentor_id),  
student_id INT ,  
FOREIGN KEY (student_id) REFERENCES students(student_id)  
);
```

```
CREATE TABLE tasks(  
task_id INT PRIMARY KEY,  
task_descp text NOT NULL,  
task_link VARCHAR(1000) NOT NULL,  
class_id INT ,  
FOREIGN KEY (class_id) REFERENCES classes(class_id)  
);
```

```
DESCRIBE queries;
```

```
CREATE TABLE marks(  
mark_id INT PRIMARY KEY,  
task_total_mark INT DEFAULT 10,  
scored_mark INT NOT NULL,  
task_id INT ,  
FOREIGN KEY (task_id) REFERENCES tasks(task_id),  
student_id INT ,  
FOREIGN KEY (student_id) REFERENCES students(student_id),  
mentor_id INT ,  
FOREIGN KEY (mentor_id) REFERENCES mentors(mentor_id)  
);
```

```
CREATE TABLE queries(  
query_id INT PRIMARY KEY,  
query_related VARCHAR(100),  
query_desc text NOT NULL,  
query_solution text,  
student_id INT ,  
FOREIGN KEY (student_id) REFERENCES students(student_id),  
mentor_id INT ,  
FOREIGN KEY (mentor_id) REFERENCES mentors(mentor_id)  
);
```

