

## Database Mysql Queries

```
CREATE TABLE users (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    name VARCHAR(255),  
    email VARCHAR(255) UNIQUE,  
    password VARCHAR(255),  
    user_type ENUM('student', 'teacher')  
);
```

```
CREATE TABLE assignments (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    title VARCHAR(255),  
    description TEXT,  
    testcases_json JSON,  
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

```
CREATE TABLE submissions (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    user_id INT,
```

```
assignment_id INT,  
code TEXT,  
grade INT,  
submitted_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,  
FOREIGN KEY (user_id) REFERENCES users(id),  
FOREIGN KEY (assignment_id) REFERENCES assignments(id)  
);
```

```
CREATE TABLE theory_assignments (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    title VARCHAR(255) NOT NULL,  
    questions TEXT NOT NULL,  
    answers TEXT NOT NULL,  
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

```
CREATE TABLE theory_submissions (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    user_id INT,  
    theory_assignment_id INT,  
    answers TEXT,
```

```
grade INT DEFAULT 0,  
created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP,  
FOREIGN KEY (user_id) REFERENCES users(id),  
FOREIGN KEY (theory_assignment_id) REFERENCES  
theory_assignments(id)  
);
```

```
ALTER TABLE theory_submissions ADD COLUMN  
submitted_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP;
```