-- Create the database first

CREATE DATABASE IF NOT EXISTS lms;

USE lms;

-- Users table for authentication and user information

CREATE TABLE IF NOT EXISTS users (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL,

role ENUM('admin', 'student') NOT NULL DEFAULT 'student',

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

-- Courses table for storing course information

CREATE TABLE IF NOT EXISTS courses (

id INT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(255) NOT NULL,

description TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

-- Course content table for storing course materials

CREATE TABLE IF NOT EXISTS course\_content (

id INT AUTO\_INCREMENT PRIMARY KEY,

course\_id INT NOT NULL,

topic VARCHAR(255) NOT NULL,

description TEXT,

image VARCHAR(255),

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (course\_id) REFERENCES courses(id) ON DELETE CASCADE

);

-- Reviews table for student reviews

CREATE TABLE IF NOT EXISTS reviews (

id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT NOT NULL,

student\_name VARCHAR(100) NOT NULL,

rating INT CHECK (rating BETWEEN 1 AND 5),

review\_text TEXT NOT NULL,

status ENUM('pending', 'approved', 'rejected') DEFAULT 'pending',

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(id) ON DELETE CASCADE

);