-- Create database

CREATE DATABASE IF NOT EXISTS S2Assignment;

-- Use the newly created database

USE S2Assignment;

-- Table for users (teachers and students)

CREATE TABLE IF NOT EXISTS users (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255) NOT NULL,

email VARCHAR(255) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL,

role ENUM('student', 'teacher') NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

-- Table for assignments

CREATE TABLE IF NOT EXISTS assignments (

id INT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(255) NOT NULL,

description TEXT NOT NULL,

deadline DATE NOT NULL,

teacher\_id INT NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (teacher\_id) REFERENCES users(id)

);

-- Table for submissions by students

CREATE TABLE IF NOT EXISTS submissions (

id INT AUTO\_INCREMENT PRIMARY KEY,

assignment\_id INT NOT NULL,

student\_id INT NOT NULL,

submission\_file VARCHAR(255) NOT NULL,

submission\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

score DECIMAL(5,2) DEFAULT NULL, -- For storing scores given by the teacher

FOREIGN KEY (assignment\_id) REFERENCES assignments(id),

FOREIGN KEY (student\_id) REFERENCES users(id)

);

-- Table for storing feedback or comments for each submission

CREATE TABLE IF NOT EXISTS submission\_feedback (

id INT AUTO\_INCREMENT PRIMARY KEY,

submission\_id INT NOT NULL,

teacher\_id INT NOT NULL,

feedback TEXT,

FOREIGN KEY (submission\_id) REFERENCES submissions(id),

FOREIGN KEY (teacher\_id) REFERENCES users(id)

);