**EDU LEARN**

**(TEAM-03)**

**Seed Data**

**Wiki-page link:** <https://github.com/s566466div/GDP-Project-EduLearn-03/wiki/Seed-Data>

   

**-- Create database**

CREATE DATABASE edulearn;

**-- Use the created database**

USE edulearn;

**-- Create users table**

CREATE TABLE users (

    user\_id INT PRIMARY KEY,

    email VARCHAR(255) NOT NULL,

    password VARCHAR(255) NOT NULL,

    user\_type VARCHAR(50) NOT NULL,

    name VARCHAR(255) NOT NULL

);

**-- Create courses table**

CREATE TABLE courses (

    course\_id INT PRIMARY KEY,

    user\_id INT,

    course\_name VARCHAR(255) NOT NULL,

    course\_description TEXT,

    enrollment\_status VARCHAR(50),

    FOREIGN KEY (user\_id) REFERENCES users(user\_id)  );

**-- Create course\_content table**

CREATE TABLE course\_content (

    id INT PRIMARY KEY,

    course\_id INT,

    content\_type VARCHAR(255),

    content\_title VARCHAR(255),

    content\_file\_path VARCHAR(255),

    FOREIGN KEY (course\_id) REFERENCES courses(course\_id)

);

**-- Create quizzes table**

CREATE TABLE quizzes (

    id INT PRIMARY KEY,

    course\_id INT,

    quiz\_title VARCHAR(255),

    description TEXT,

    due\_date DATE,

    maximum\_score INT,

    grade VARCHAR(2),

    FOREIGN KEY (course\_id) REFERENCES courses(course\_id)

);

**-- Create assignments table**

CREATE TABLE assignments (

    id INT PRIMARY KEY,

    course\_id INT,

    assignment\_title VARCHAR(255),

    description TEXT,

    due\_date DATE,

    maximum\_score INT,

    grade VARCHAR(2),

    FOREIGN KEY (course\_id) REFERENCES courses(course\_id)

);

**-- Create user\_progress table**

CREATE TABLE user\_progress (

    user\_id INT,

    course\_id INT,

    completed\_tasks INT,

    pending\_tasks INT,

    progress\_percentage DECIMAL(5,2),

    FOREIGN KEY (user\_id) REFERENCES users(user\_id),

    FOREIGN KEY (course\_id) REFERENCES courses(course\_id),

    PRIMARY KEY (user\_id, course\_id)

);

**-- Insert seed data into users table**

INSERT INTO users (user\_id, email, password, user\_type, name) VALUES

('101', 'lakshmimanasag616@gmail.com', 'mansaManny@3\_7\_3', 'student', 'Lakshmi Manasa Gundala'),

('202', 'srilatha789@gmail.com', 'sri@919563', 'student', 'SriLatha Yadala'),

('303', 'parthasarathy123@gmail.com', 'sarathy89@92', 'student', 'Partha Sarathy Boda'),

('404', 'divya@nwmissouri.edu', 'divyaNWM@5692', 'instructor', 'Divya Bathala'),

('505', 'vani@nwmissouri.edu', 'VaniNWM@9\_1\_9', 'instructor', 'Vani Battu');

**-- Insert seed data into courses table**

INSERT INTO courses (course\_id, user\_id, course\_name, course\_description, enrollment\_status) VALUES

('111', '101', 'Web Applications', 'Introduction to Web Applications', 'enrolled'),

('222', '202', 'Java', 'Introduction to Java', 'enrolled'),

('333', '101', 'Advanced Data Base', 'Introduction to Advanced Data Base', 'enrolled'),

('444', '303', 'Project Management', 'Introduction to Project Management', 'enrolled');

**-- Insert seed data into course\_content table**

INSERT INTO course\_content (id, course\_id, content\_type, content\_title, content\_file\_path) VALUES

('11','111','video lectures','IntroductionWebApplications','/content/file/web\_applications\_lecture.mp4’),

('22', '111', 'reading materials', 'Web Applications Basics', '/content/file/web\_applications\_basics.pdf'),

('33', '222', 'video lectures', 'Introduction to Java', '/content/file/java\_lecture.mp4'),

('44', '222', 'reading materials', 'Java Fundamentals', '/content/file/java\_fundamentals.pdf');

**-- Insert seed data into quizzes table**

INSERT INTO quizzes (id, course\_id, quiz\_title, description, due\_date, maximum\_score, grade) VALUES

('1', '111', 'Web Applications Quiz 1', 'Test your knowledge on web applications', '2024-05-20', '100', 'A'),

('2', '222', 'Java Quiz 1', 'Test your knowledge on Java programming', '2024-05-22', '100', 'A');

**-- Insert seed data into assignments table**

INSERT INTO assignments (id, course\_id, assignment\_title, description, due\_date, maximum\_score, grade) VALUES

('1011', '111', 'Web Applications Assignment 1', 'Complete the web applications exercises', '2024-05-25', '100', 'A'),

('1012', '222', 'Java Assignment 1', 'Complete the Java programming tasks', '2024-05-27', '100', 'A');

**-- Insert seed data into user\_progress table**

INSERT INTO user\_progress (user\_id, course\_id, completed\_tasks, pending\_tasks, progress\_percentage) VALUES

('101', '111', '2', '1', '66.67'),

('202', '222', '1', '2', '33.33');

**Instructions for Loading Test Data into MySQL Database:** 

1. If the attached SQL dump file doesn't download, you can clone the project from GitHub using the following command:

**git clone https://github.com/s566466div/GDP-Project-EduLearn-03.git**

1. In the cloned project, navigate to the images directory where you will find the SQL file named **edulearn\_seed\_data.sql.**
2. Save the SQL dump content from the GitHub repository into a file named edulearn\_seed\_data.sql.
3. Open the MySQL Command Line or MySQL Workbench.
4. To use the MySQL Command Line:

* Start MySQL by entering your user details.
* Load the SQL dump file using the following command:

**source path/to/edulearn\_seed\_data.sql;**

1. Replace **path/to/edulearn\_seed\_data.sql**with the actual path to your SQL file.
2. To use MySQL Workbench:

* Open MySQL Workbench and connect to your MySQL server.
* Go to File -> Open SQL Script... and select the **edulearn\_seed\_data.sql**file.
* Click the Execute button to run the script.

**For more Data Insertion**: If you want to add more records to the users table after the initial insertion, you can simply run additional INSERT INTO statements. These are the commands :

**USE edulearn**

**INSERT INTO users (user\_id, email, password, user\_type, name) VALUES**

**('606', 'john.doe@example.com', 'johnDoe@123', 'student', 'John Doe'),**

**('707', 'jane.doe@example.com', 'janeDoe@456', 'instructor', 'Jane Doe');**

**Verify Data Insertion:** Once the script execution is complete, verify the data insertion by running simple SELECT queries:

**USE edulearn;**

**SELECT \* FROM users;**

**SELECT \* FROM courses;**

**SELECT \* FROM course\_content;**

**SELECT \* FROM quizzes;**

**SELECT \* FROM assignments;**

**SELECT \* FROM user\_progress;**