**Please refer to GitHub Link for the complete Project:**

https://github.com/Mukesh-Kanna08/Simplilearn

**Learners-Academy**

**Project Details:**

This project aims to design and develop a backend administrative portal for the Learner’s Academy using Java EE technologies

The goal of this project is to apply servlet, JSP and JDBC concepts.

**Product Backlog:**

1. Create a database and tables.

2. Connect the database to the project.

3. Create model classes.

4. Create a database utility class to retrieve data.

5. Create a login page.

6. Create JSP files for all pages of the project.

7. Create a servlet to get requests and send responses to the JSP files.

8. Add cookies.

9. Create a CSS file to format the contents.

10. Debug and test the project.

**Technologies and Tools Used:**

**Servlet**: to do the business logic and works as a controller for the project.

**JSP**: to handle the presentation view.

**SQL**: to create and manage the database.

**JDBC**: to make operations on the database for the project.

**CSS**: to format the contents.

**Eclipse**: to write and run the code.

**Tomcat**: to run and deploy servlet application.

**Core concepts used in the project:**

**Object-Oriented:** used to create and model objects for users and their credentials.

**Databases**: used to store and retrieve data.

**Data Sources**: used to define a set of properties required to identify and access the database.

**Collections**: used some collections such arraylist to store collection of data.

**Exception Handling**: used to catch problems that arises in the code especially in I/O blocks.