Learner’s Academy Project

**Project Detail**

Project Name: Learner’s Academy

**GitHub repository link:**

**https://github.com/Molly-javafsd/Learner-Academy.git**

**Project Details:** This project is for the design and developing a backend administrative portal for the Learner’s Academy using Java EE technologies

**Objective**: The Objective of this project is to apply servlet, jsp,hibernate and JDBC concepts.

**Developer Detail**

Name: Molly Mukherjee

**Technologies and tools Used:**

* Servlet: to do the business logic and works 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.
* Hibernate: to auto create tables and queries in SQL through java.
* SpringToolSuite: to write and run the code.
* Tomcat: to run and deploy servlet application.

**Flow Chart:**



**Sprint Plan:**



**Concepts used in this program:**

1. Object-Oriented: used to create and model objects for users and their credentials.
2. Databases: used to store and retrieve data.
3. Data Sources: used to define a set of properties required to identify and access the database.
4. Collections: used some collections such as List to store collection of data.
5. Exception Handling: used to catch problems that arises in the code especially in I/O blocks.
6. Cookies: to store log-in data on the client browser. Searching and Sorting