

Simplilearn FullStack Java Developer Phase 2 Project 1

GitHub: https://github.com/mha77/Phase2_Project1

IDE: Eclipse JEE 2021-09

Core Libraries:

MariaDB

Hibernate

JSP/Servlet/HTML

Description:

Learner's Academy is a school that has an online management system. The system keeps track of its classes, subjects, students, and teachers. It has a back-office application with a single administrator login.

Sprint 1:

Setup Database and provide master List in Java EE for all entities

- Classes
- Subjects
- Teacher
- Student

Sprint 2:

Implement the Assignments:

- Student to class
- Subject to Teacher
- Subject to Class

Sprint 3:

Class Report

Improvements in Navigation

Clean Up

Screenshots:

Welcome Page: Navigation to all Sites is possible

Welcome to administrative portal for the Learner's Academy

What you want to do?

Add Items **View Items**

[Add Classes](#) [View Classes](#)

[Add Subject](#) [View Subjects](#)

[Add Teacher](#) [View Teachers](#)

[Add Student](#) [View Students](#)

[Assign Student to Class](#)

[Assign Teacher to Class](#)

[Assign Subject to Class](#)

[Choose Class for report](#)

Create the Masterlists:

Add Classes

Class:

Submit

Add Subject

Subject Name:

Submit

Add Teacher

Name:

Last name

Submit

Add Student

Name

Last Name

Submit

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[Add Class](#)
[Assign Subject to Class](#)

The Following Classes are listed

Class Name	Subject Name
Java FullStack	Hibernate
	Java Core
	Agile Development
WebDevelopment	HTML
	JavaScript

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[Add Subject](#)

The Following Subjects are listed

Subject Name
Hibernate
Java Core
Git
Agile Development
HTML
JavaScript

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[Add Teacher](#)
[Assign Teacher to Subject](#)

The Following Teachers are listed

First Name	Last Name	Assigned Class
Markus	Haege	Hibernate
Sureerat	Kaiser	Git
		Agile Development

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[Add Student](#)

[Assign Student](#)

The Following Students are listed

Name	Last Name	Assigned Class
Roland	Freud	Java FullStack
Henrik	Kaiser	Java FullStack
Frank	Haeussler	Java FullStack
Tina	Kurz	no class assigned
Tom	Jerry	no class assigned

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Assign a Student to a Class

Student Name	Class Name
<input type="text" value="Roland Freud"/>	<input type="text" value="Java FullStack"/>
<input type="button" value="Submit"/>	

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Assign a Teacher to a Subject

Student Name	Subject Name
<input type="text" value="Markus Haege"/>	<input type="text" value="Hibernate"/>
<input type="button" value="Submit"/>	

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Assign a Subject to a Class

Class Name	Subject Name
<input type="text" value="Java FullStack"/>	<input type="text" value="Hibernate"/>
<input type="button" value="Submit"/>	

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Choose a Class for Report Page

Class Name

Java FullStack ▼

Submit

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Class Report for Java FullStack

Subject Name	Teacher Name
Hibernate	Markus Haege
Java Core	No Teacher assigned
Agile Development	Sureerat Kaiser

Listed Students

Roland Freud
Henrik Kaiser
Frank Haeussler