

SIMPLILEARN PROJECT

BY: SURAJ R SHIRIYA

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BATCH	MS FSD DEC 2021 Cohort 1
PROJECT TITLE	LEARNERSACADEMY.COM
PROJECT SUBMISSION DATE	26-03-2022

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.

The administrator can:

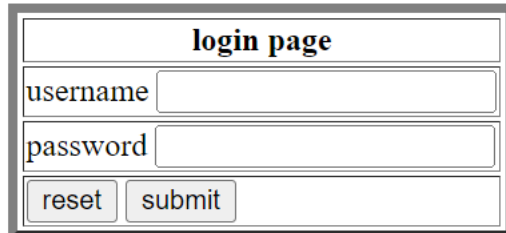
- Set up a master list of all the subjects for all the classes
- Set up a master list of all the teachers
- Set up a master list of all the classes
- Assign classes for subjects from the master list
- Assign teachers to a class for a subject (A teacher can be assigned to different classes for different subjects)
- Get a master list of students (Each student must be assigned to a single class)

There will be an option to view a Class Report which will show all the information about the class, such as the list of students, subjects, and teachers

Technologies used: JAVA, JSP, HTML, Oracle DB, Git

SCREENSHOTS

LEARNER'S ACADEMY



login page	
username	<input type="text"/>
password	<input type="password"/>
reset	submit

invalid details check your input

[go back to loginpage](#)

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LEARNER'S ACADEMY

HELLO ADMIN[STUDENT LIST](#)[SUBJECT LIST](#)[TEACHERS LIST](#)[CLASS LIST](#)[CLASS REPORT](#)

STUDENT DETAILS

rno	fname	lname	class	select to delete
5	Suraj R	Shiriyaa	12	<input type="radio"/>
6	James	John	10	<input type="radio"/>
7	Benjamin	Joseph	10	<input type="radio"/>
8	Lucas	Samuel	10	<input type="radio"/>
go back to adminpage add student reset delete				

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ADD A STUDENT

Personal Details	
Rno	<input type="text"/>
First Name	<input type="text"/>
last name	<input type="text"/>
class	<input type="text"/>
<input type="button" value="add"/>	

ADD A STUDENT

Personal Details	
Rno	<input type="text" value="1"/>
First Name	<input type="text" value="hello"/>
last name	<input type="text" value="world"/>
class	<input type="text" value="12"/>
<input type="button" value="add"/>	

Student was added :)

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STUDENT DETAILS

rno	fname	lname	class	select to delete
1	hello	world	12	<input type="radio"/>
5	Suraj R	Shiriyā	12	<input type="radio"/>
6	James	John	10	<input type="radio"/>
7	Benjamin	Joseph	10	<input type="radio"/>
8	Lucas	Samuel	10	<input type="radio"/>
<input type="button" value="go back to adminpage"/> <input type="button" value="add student"/> <input type="button" value="reset"/> <input type="button" value="delete"/>				

STUDENT DETAILS

rno	fname	lname	class	select to delete
1	hello	world	12	<input type="radio"/>
5	Suraj R	Shiriyā	12	<input checked="" type="radio"/>
6	James	John	10	<input type="radio"/>
7	Benjamin	Joseph	10	<input type="radio"/>
8	Lucas	Samuel	10	<input type="radio"/>
<input type="button" value="go back to adminpage"/> <input type="button" value="add student"/> <input type="button" value="reset"/> <input type="button" value="delete"/>				

Student was deleted :)

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STUDENT DETAILS

rno	fname	lname	class	select to delete
1	hello	world	12	<input type="radio"/>
6	James	John	10	<input type="radio"/>
7	Benjamin	Joseph	10	<input type="radio"/>
8	Lucas	Samuel	10	<input type="radio"/>
go back to adminpage add student reset delete				

SUBJECT DETAILS

Sno	Subject	select to delete
7	Computer Science	<input type="radio"/>
8	Data Analysis	<input type="radio"/>
9	Statistics	<input type="radio"/>
10	Design	<input type="radio"/>
add subject go back to adminpage reset delete subject		

Personal Details	
Sno	<input type="text" value="1"/>
Subject	<input type="text" value="social"/>
<input type="button" value="add"/>	

Subject was added :)

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SUBJECT DETAILS

Sno	Subject	select to delete
1	social	<input type="radio"/>
7	Computer Science	<input type="radio"/>
8	Data Analysis	<input type="radio"/>
9	Statistics	<input type="radio"/>
10	Design	<input type="radio"/>
add subject		go back to adminpage
reset		delete subject

TEACHER'S LIST

rno	fname	lname	subject	class	select to delete
3	Maverick	Cameron	Business	10	<input type="radio"/>
5	Isaiah	Christian	Statistics	10	<input type="radio"/>
7	Elias	Eli	Art	11	<input type="radio"/>
8	Joshua	Miles	Business	11	<input type="radio"/>
9	Nathan	Adrian	Chemistry	11	<input type="radio"/>
10	Caleb	Ryan	Statistics	11	<input type="radio"/>
add teacher		reset	delete	update	

CLASS LIST

CLASS	select to delete
12	<input type="radio"/>
go back to adminpage	add new class
reset	delete

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CLASS REPORT

CLASS	select class
10	<input checked="" type="radio"/>
12	<input type="radio"/>
9	<input type="radio"/>
11	<input type="radio"/>
reset	search

STUDENT DETAILS

rno	fname	lname	class
6	James	John	10
7	Benjamin	Joseph	10
8	Lucas	Samuel	10

SUBJECT AND TEACHER ASSIGNED DETAILS

Subject-1	Subject-2	Subject-3	Subject-1 Teacher	Subject-2 Teacher	Subject-3 Teacher
science	history	gk	Christopher Andrew	Nolan Jaxon	Eli Joshua

[go back to adminpage](#)

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ORACLE SCREENSHOTS

```
ALTER TABLE classlist  
ADD UNIQUE (class_no);
```

“THIS QUERY WAS USED ON ALL TABLES FOR THE FIRST COLUMN”

```
SQL> select * from student;
```

RNO	FIRSTNAME	LASTNAME	CLASS
6	James	John	10
7	Benjamin	Joseph	10
8	Lucas	Samuel	10

```
SQL> _
```

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```

SNO SUBJECT_NAME
-----
1 social
7 Computer Science
8 Data Analysis
9 Statistics
10 Design

```

SQL>

FD

TNO	FIRSTNAME	LASTNAME	SUBJECT

CLASS			

3 10	Maverick	Cameron	Business
5 10	Isaiah	Christian	Statistics
7 11	Elias	Eli	Art
TNO	FIRSTNAME	LASTNAME	SUBJECT

CLASS			

8 11	Joshua	Miles	Business
9 11	Nathan	Adrian	Chemistry
10 11	Caleb	Ryan	Statistics

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```

CLASS_NO SUBJECT1          SUBJECT2          SUBJECT3
-----
SUBJECT1_TNAME    SUBJECT2_TNAME    SUBJECT3_TNAME
-----
    10 science          history          gk
Christopher Andrew Nolan Jaxon Eli Joshua

    12 Art              Business          Chemistry
Jaxon Ezekiel      Maverick Cameron suraj rs

    9 Art              Chemistry          Statistics
Elias Caleb        Andrew Isaiah    Aaron Eli

CLASS_NO SUBJECT1          SUBJECT2          SUBJECT3
-----
SUBJECT1_TNAME    SUBJECT2_TNAME    SUBJECT3_TNAME
-----
    11 science          history          gk
Christopher Andrew Nolan Jaxon Eli Joshua

```

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Thank you