

# Phase 2 Assessment Learner's Academy

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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 Project is divided into 4 Sprints each of one week.

## 1<sup>st</sup> Sprint:-

- Created Admin Login Form with single [Userld=LearnerAcademy@gmail.com](mailto:Userld=LearnerAcademy@gmail.com) and Password=1234
- Created backend Servlet which handles the login Credentials

## 2<sup>nd</sup> Sprint:-

- Created Dash-Board page which holds the address for inserting the details of Students, Teachers & Classes
- Created Student form HTML
- This student form accepts the details provided by the admin
- Created AddStudent servlet which inserts the details provided by the admin into Database
- Created DeleteStudent servlet which deletes the record from database which is specified by the admin

## 3<sup>rd</sup> Sprint:-

- Created Teacher form HTML
- This teacher form accepts the data provided by the admin
- Created AddTeacher servlet which inserts the provided by the admin into Database
- Created DeleteTeacher servlet which deletes the record from database which is specified by the admin

## 4<sup>th</sup> Sprint:-

- Created View.html for displaying the details from database
- Created ReadStudent servlet which displays the student details
- Created ReadTeacher servlet which displays the Teacher details
- Created ReadClass servlet which displays the details of class
- Added Logout.html for logout operation
- Added Logout servlet for invalidating the Session

## Methods and operations:-

We have 6 operations that user can perform.

- Admin Login
- Insert records of Teachers , Students & Classes.
- Delete Records of Teachers .
- Display List of Students, Teachers & Classes.
- Delete Details of Students .
- Admin Logout

## Core concepts

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The Whole Application is based on Hibernate, Html, Java, Servlets , MySQL database. For Login/Logout I have used a simple HTML and Servlet that handles the operation of Login/Logout.

I have created the MYSQL connection through hibernate.cnfg.xml file which establishes the connection between database and the eclipse editor.

I have created Servlets for operations like Inserting data into the database & retrieving data from database and also displaying with the corresponding ReadServlet , AddServlet.

I have created a DashBoard Page which holds the address of adding displaying the details of Teachers, Students & Classes.

I created View Html file which displays the details of Class, Students, Teachers with the help of ReadServlet which retrieves the details from database

At Last I created Logout Html for Logout Operation and also a Servlet which Handles the operation of Logout

## Refer The following Code Snippets:-

```
html
```

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### Welcome to Learner's Academy

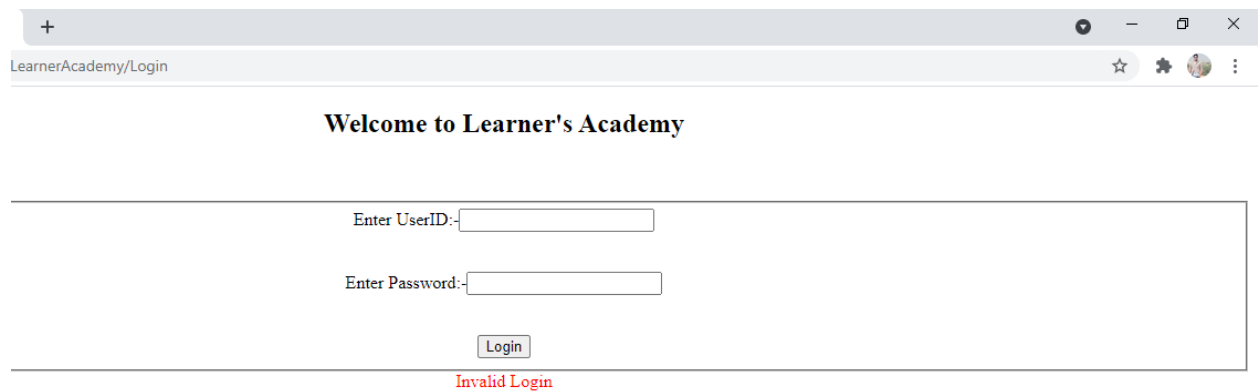
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Enter UserID:-

Enter Password:-

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Fig(1)Login Form



The screenshot shows a web browser window with the address bar displaying 'LearnerAcademy/Login'. The page content includes the heading 'Welcome to Learner's Academy' and a login form. The form has two input fields: 'Enter UserID:-' and 'Enter Password:-'. Below the password field is a 'Login' button. At the bottom of the form, the text 'Invalid Login' is displayed in red.

```
+ [Browser Icons]
```

LearnerAcademy/Login

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### Welcome to Learner's Academy

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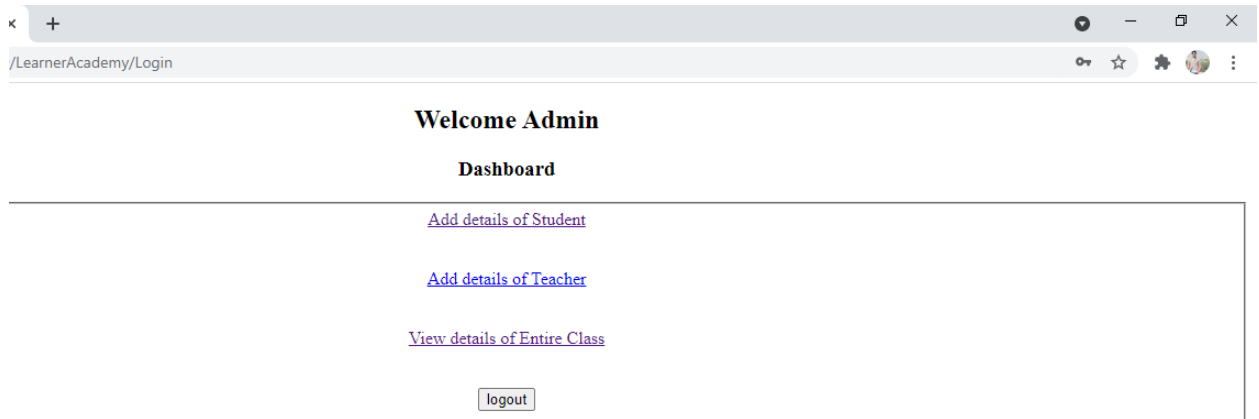
Enter UserID:-

Enter Password:-

Invalid Login

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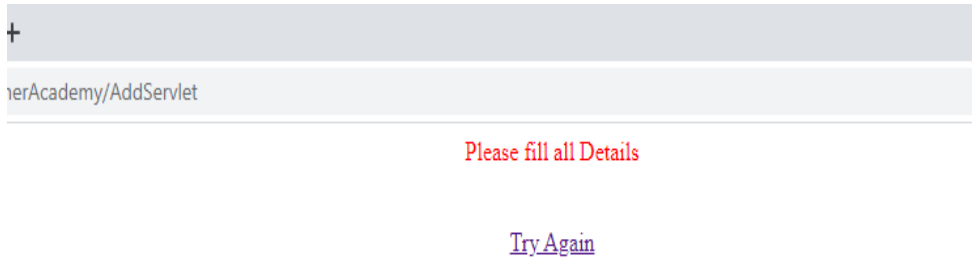
Fig(2) If User Doesn't provide the credentials it displays Invalid Login



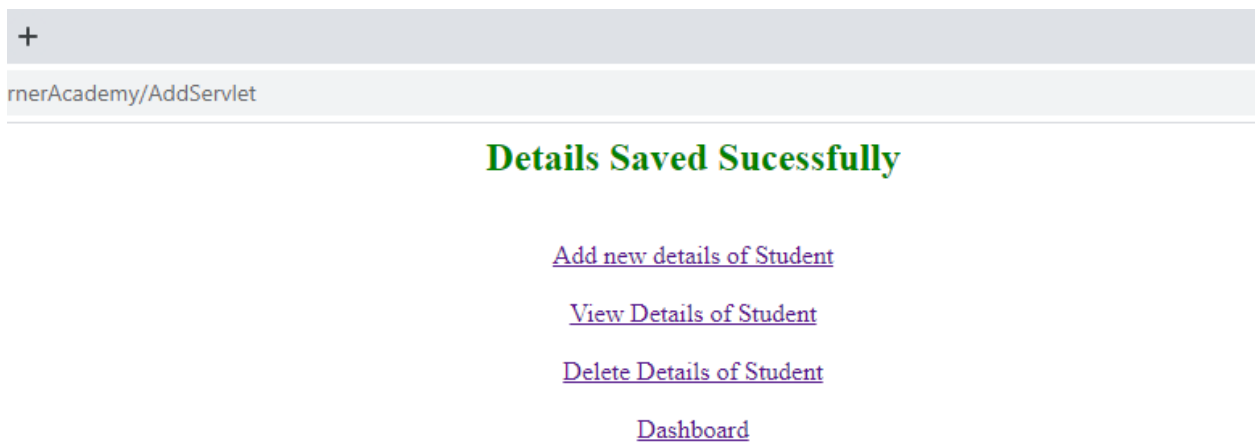
Fig(3) If Admin Logs In he will redirected towards Dashboard page as shown in above Picture

A screenshot of a web browser showing a form titled "Enter Student details in below Form". The browser's address bar displays "ost:8080/LearnerAcademy/Class.html". The form contains five input fields with labels: "Enter Student Name:-" (with value "Raj"), "Enter Student Phone number:-" (with value "9112865780"), "Enter Student Address:-" (with value "Agra"), "Enter Course Name:-" (with value "HTML"), and "Enter Date Of Joining:-(dd-mm-yyy)" (with value "04-7-2020"). A "Submit" button is located at the bottom center of the form.

Fig(4) If Admin clicks on Add details of Student the above form will be displayed



Fig(5) If Admin Doesn't provide details the error will be displayed as shown in above picture



Fig(6) If Admin Enters details and submits then the above picture is displayed

Delete.html

Delete Details

Enter Student Name:

Delete

Fig(7) If admin Wants to delete any record which is shown in above picture

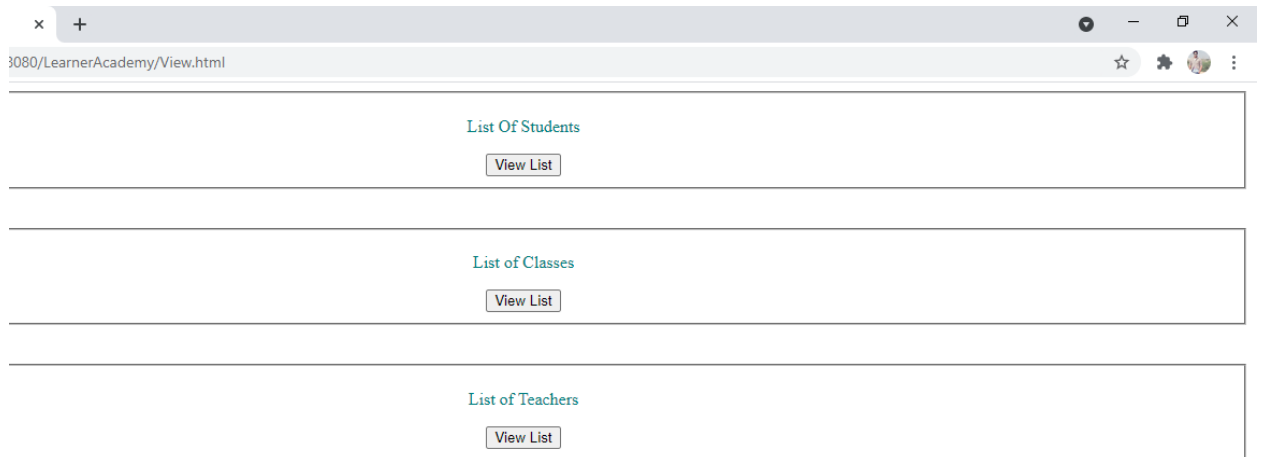
**Details Deleted Sucessfully**

[Add details of Student](#)

[View Details of Student](#)

[Delete More Details](#)

Fig(8) After deleting the record the above page will be displayed



Fig(9)If Admin Click view button from dashboard page the above picture will be displayed

The screenshot shows a web browser window with the address bar displaying 'localhost:8080/LearnerAcademy/ReadServlet'. The page content includes a heading 'Student Details :-' followed by a table of student details and three links:

Student Id	Student Name	Student PhoneNumber	Student Address	CourseName	Joinind Date
1	Cody	6666554422	Pune	Hibernate	12-09-2021
6	Raj	9112865780	Agra	HTML	04-7-2020

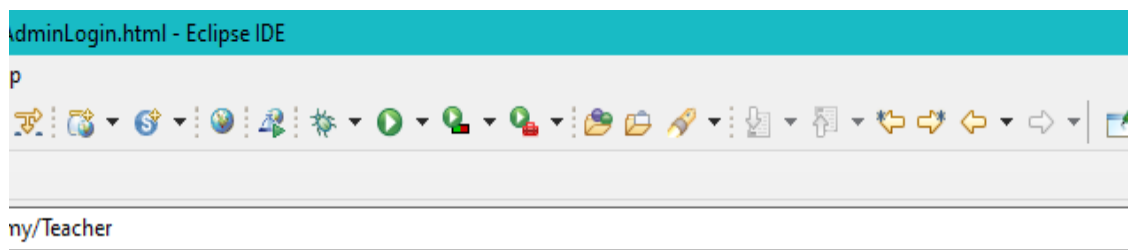
Below the table, there are three links:

- [Delete Details of Student](#)
- [Add details of Student](#)
- [DashBoard](#)

Fig(10)The student details will be displayed as shown in above picture

A screenshot of a web browser window with the address bar showing "t:8080/LearnerAcademy/Teacher.html". The page contains a form titled "Enter Teacher details in below Form". The form has five input fields: "Enter Teacher Name:-" with the value "Franklin", "Enter Teacher Phone number:-" with the value "7766665544", "Enter Teacher Address:-" with the value "Kolkata", "Enter Class Name:-" with the value "JDBC", and "Enter Date Of Joining:-(dd-mm-yyyy)" with the value "04-7-2020". Below the fields is a "Submit" button.

Fig(11)Teacher Form as shown in above picture



**Details Saved Sucessfully**

[Add Details of Teacher](#)

[View Details of Teacher](#)

[Delete Details Teacher](#)

[Dashboard](#)

Fig(12)After Submitng details the above page is displayed



8080/LearnerAcademy/DeleteTeacher.html

Delete Details

Enter Teacher Name:

Fig(13)Teacher details Delete form as shown in above picture

localhost:8080/LearnerAcademy/ x +

localhost:8080/LearnerAcademy/DeleteTeacher

Details Deleted Successfully

[Add details of Teacher](#)

[View Details of Teacher](#)

[Delete More Details](#)

Fig(14)The above page is displayed after deleting the details

localhost:8080/LearnerAcademy/ x +

localhost:8080/LearnerAcademy/ReadTeachers

**Teacher Details :-**

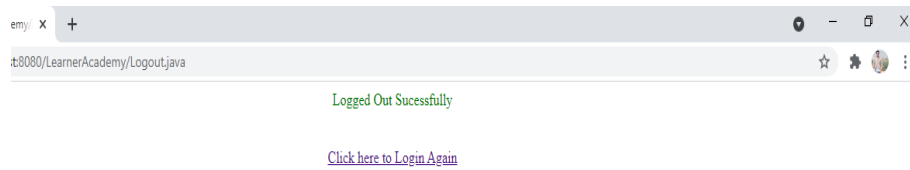
Teacher Id	Teacher Name	Teacher PhoneNumber	Teacher Address	Assigned Class	Joining Date
1	Newton	9999776655	Delhi	Java Core	05-06-2019
2	Benjamin	8888776655	Mumbai	Hibernate	14-09-2021
3	Franklin	7766665544	Kolkata	JDBC	04-7-2020

[Delete Details of Teacher](#)

[Add Details of Teacher](#)

[DashBoard](#)

Fig(15)Teacher details displayed as shown in above picture



Fig(16) When Admin clicks on logout button the above page will be displayed