

# 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 [UserId=LearnerAcademy@gmail.com](mailto:UserId=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 Add Student Servlet which inserts the details provided by the admin into Database
- Created Delete Student 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 Add Teacher Servlet which inserts the provided by the admin into Database
- Created Delete Teacher 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 Read Student Servlet which displays the student details
- Created Read Teacher Servlet which displays the Teacher details
- Created Read Class 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 title 'Administrator Login'. The address bar displays 'localhost:8081/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 these fields is a 'Login' button. A red error message 'Invalid Login' is displayed below the button. The browser's taskbar at the bottom shows various application icons and the system clock indicating 6:51 PM on 9/9/2021.

Administrator Login

localhost:8081/LearnerAcademy/Login

Apps Gmail YouTube Learning on Simpli... Java - Inner classes... Reading list

### Welcome to Learner's Academy

Enter UserID:-

Enter Password:-

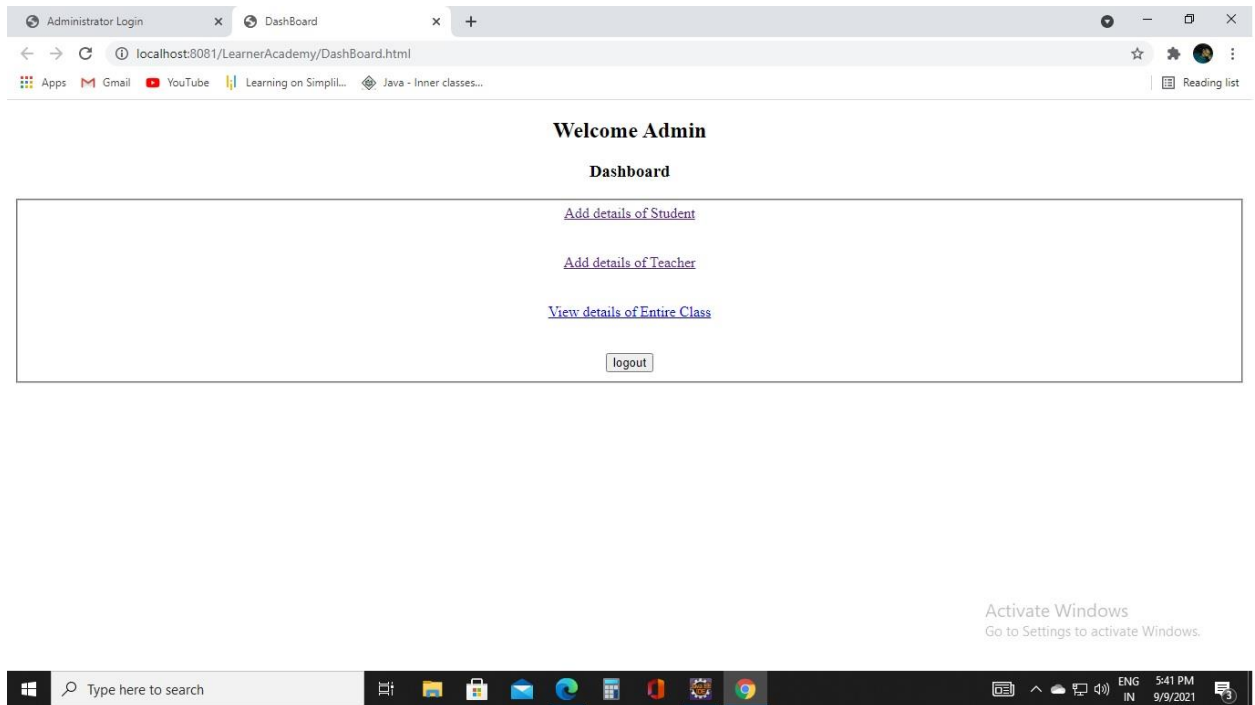
Invalid Login

Activate Windows  
Go to Settings to activate Windows.

Type here to search

6:51 PM 9/9/2021

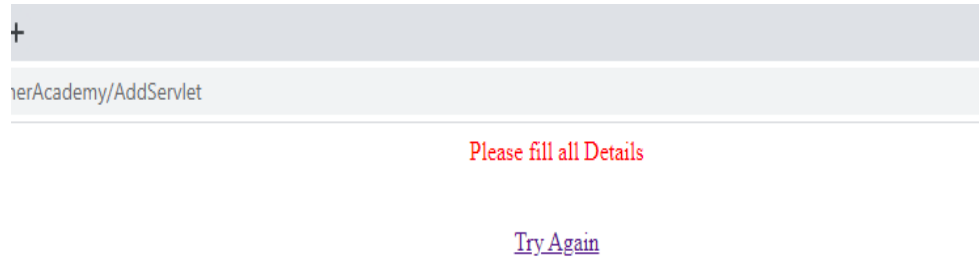
Fig(2) If User Doesn't provide the credentials it displays Invalid Login



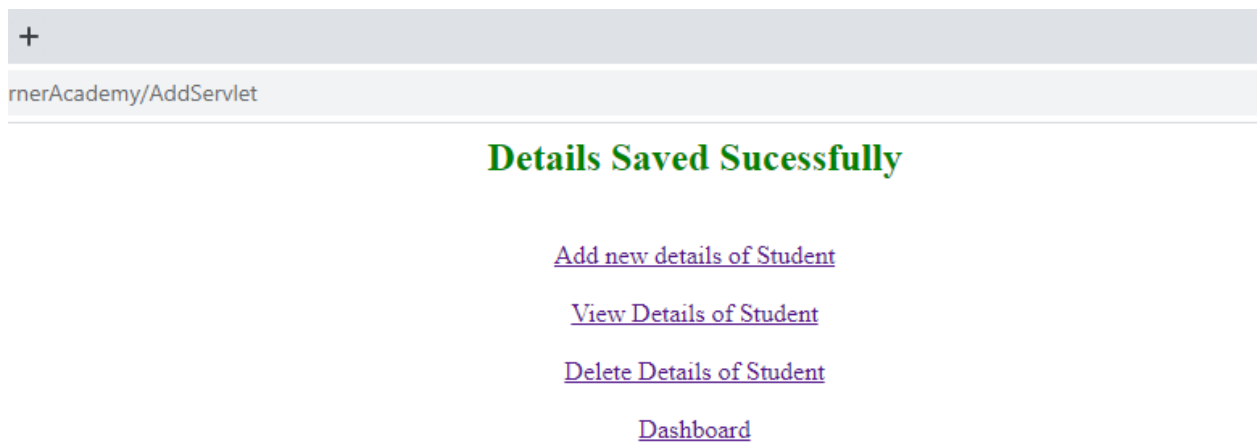
Fig(3) If Admin Logs In he will redirected towards Dashboard page as shown in above Picture

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

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

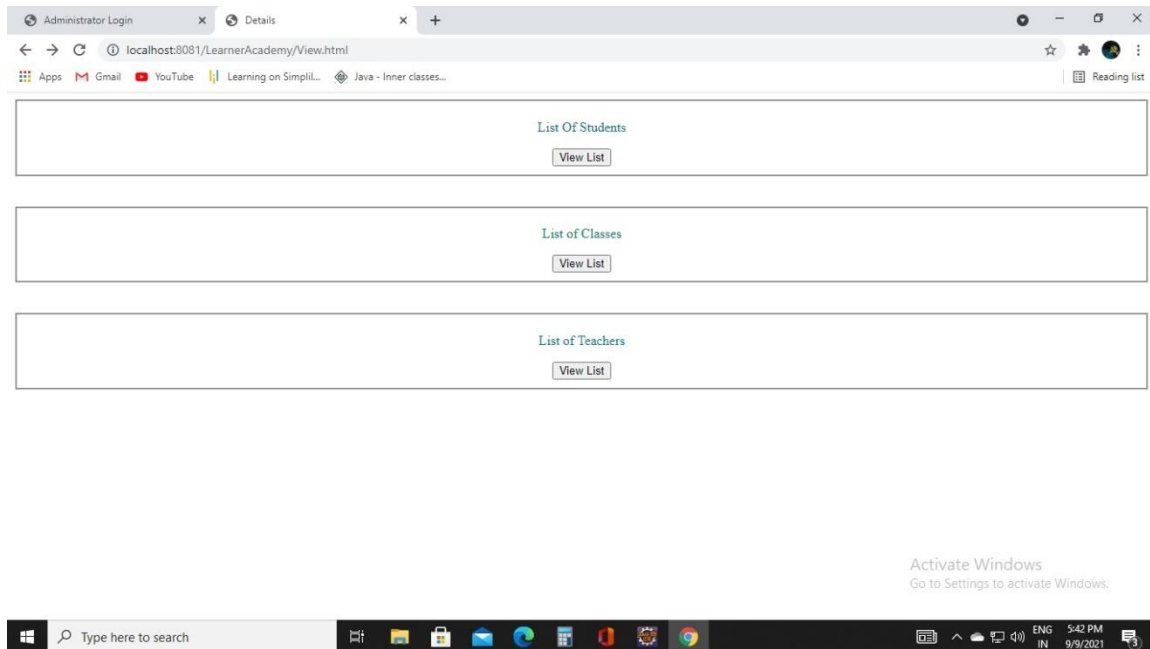
**Details Deleted Sucessfully**

[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

localhost:8080/LearnerAcademy/ x +

localhost:8080/LearnerAcademy/ReadServlet

## Student Details :-

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

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

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

Browser tabs: Delete Details, TeacherDetails, +

Address bar: localhost:8081/LearnerAcademy/Teacher.html

Bookmarks: Apps, Gmail, YouTube, Learning on Simpli..., Java - Inner classes..., Reading list

### Enter Teacher details in below Form

Enter Teacher Name:-

Enter Teacher Phone number:-

Enter Teacher Address:-

Enter Class Name:-

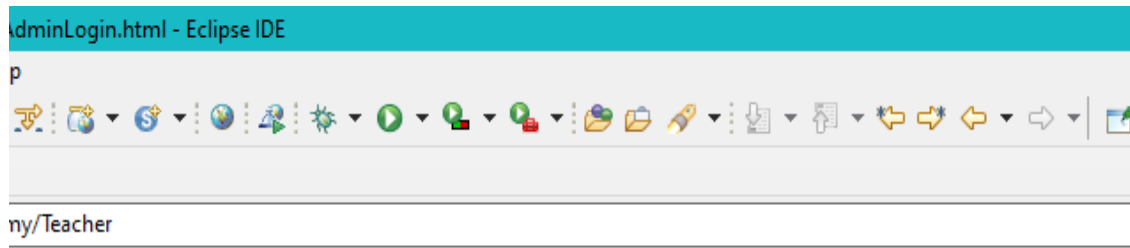
Enter Date Of Joining:- (dd-mm-yyyy)

Activate Windows  
Go to Settings to activate Windows.

Windows taskbar: Search bar (Type here to search), Taskbar icons (File Explorer, Mail, Edge, etc.), System tray (Network, Volume, Date/Time: 6:42 PM 9/9/2021)



Fig(11)Teacher Form as shown in above picture



**Details Saved Sucessfully**

[Add Details of Teacher](#)

[View Details of Teacher](#)

[Delete Details Teacher](#)

[Dashboard](#)

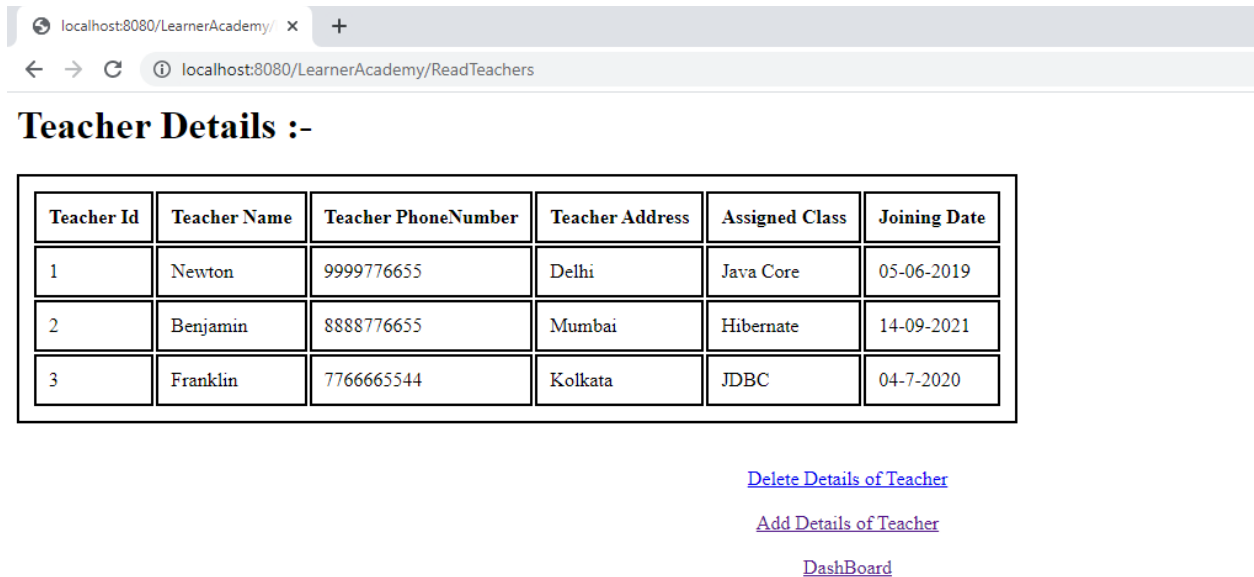
Fig(12)After Submittng details the above page is displayed



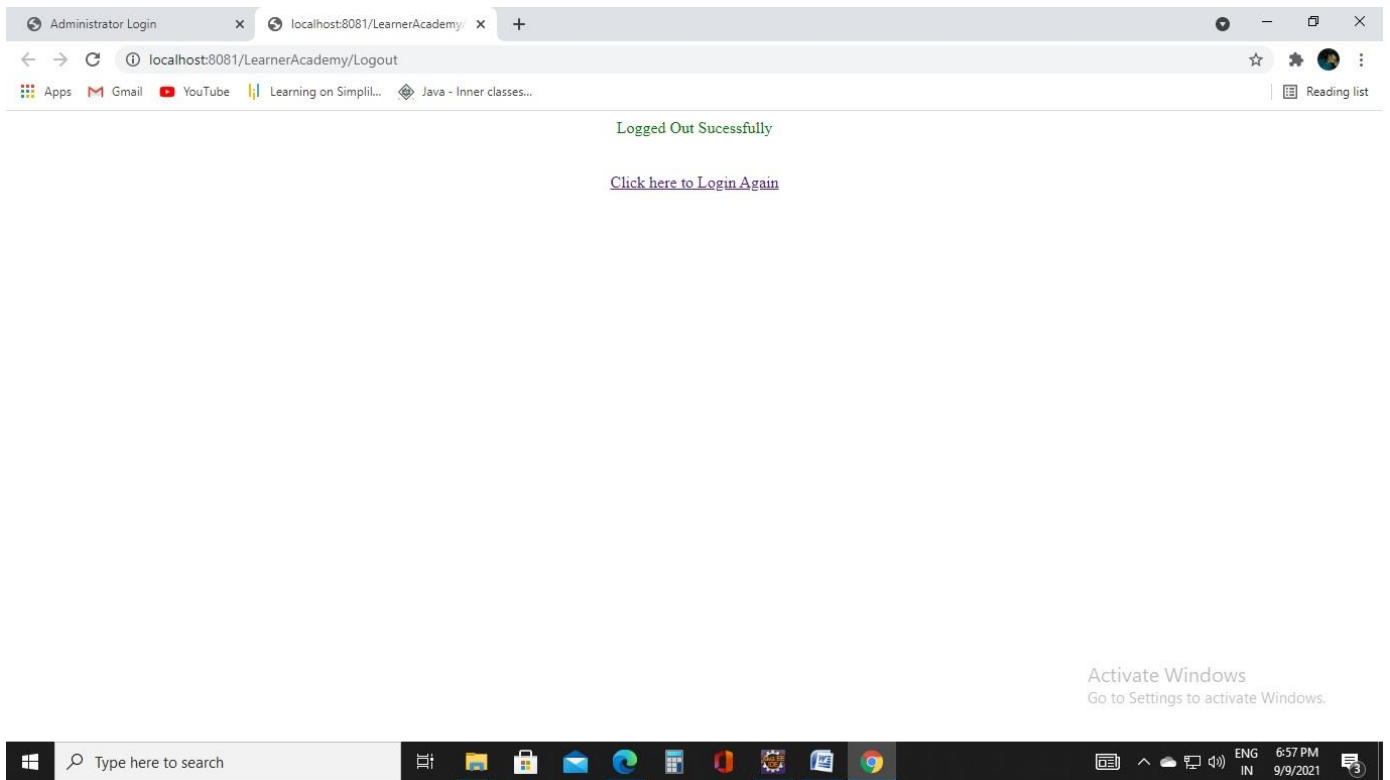
Fig(13)Teacher details Delete form as shown in above picture



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



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



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