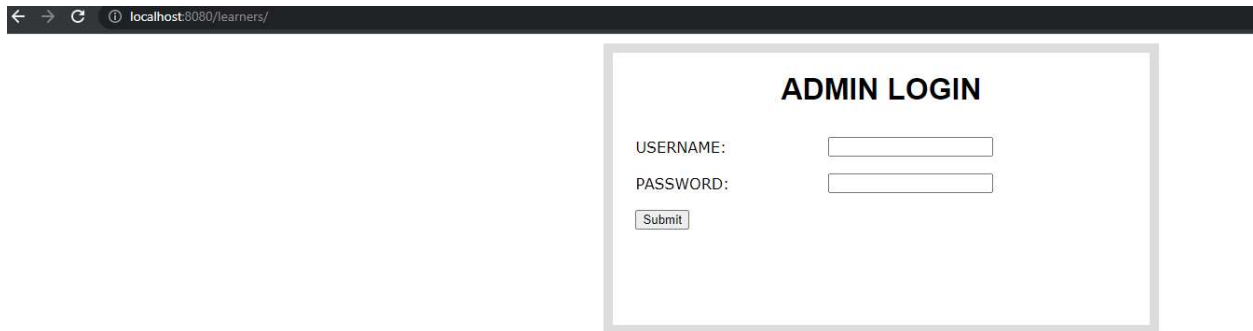


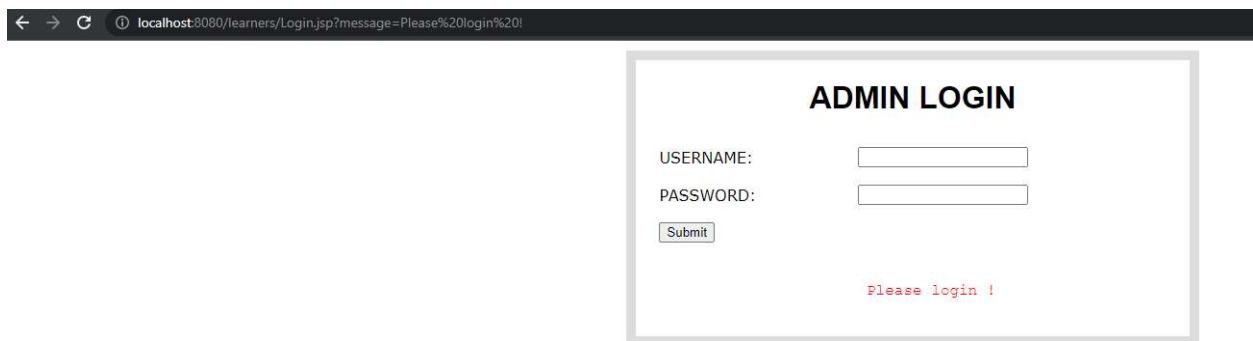
APPLICATION FLOW

Users lands on the login screen when he starts the application



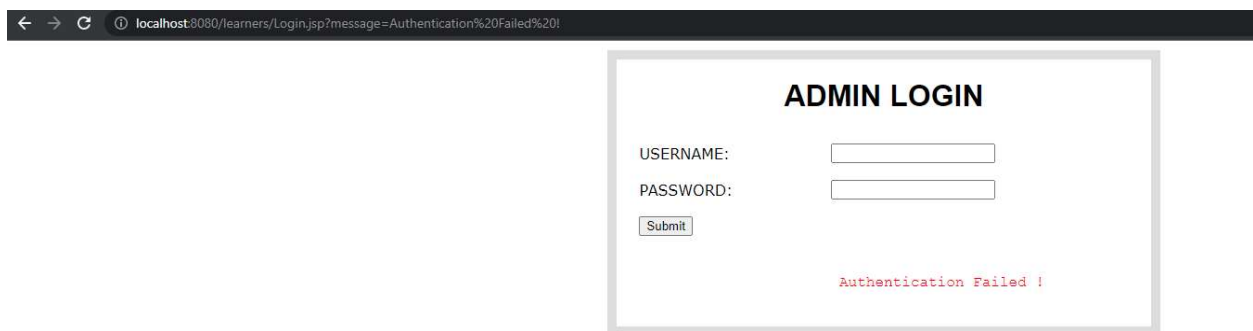
A screenshot of a web browser showing the 'ADMIN LOGIN' page. The browser's address bar displays 'localhost:8080/learners/'. The page has a light gray background and a white login form. The form is titled 'ADMIN LOGIN' in bold black text. It contains two input fields: 'USERNAME:' and 'PASSWORD:'. Below the password field is a 'Submit' button.

If user does not provide any login details then below exception is thrown



A screenshot of the 'ADMIN LOGIN' page. The browser's address bar shows 'localhost:8080/learners/Login.jsp?message=Please%20login%20!'. The login form is identical to the previous screenshot, but now a red error message 'Please login !' is displayed below the form.

If user provides incorrect credentials then below error message is displayed



A screenshot of the 'ADMIN LOGIN' page. The browser's address bar shows 'localhost:8080/learners/Login.jsp?message=Authentication%20Failed%20!'. The login form is identical to the previous screenshots, but now a red error message 'Authentication Failed !' is displayed below the form.

Once user provides credentials it is validated against a database table USERS where the admin related data has been inserted via master scripts.

Once the user is authenticated, he lands on the below dashboard page.

The screenshot shows the 'ADMIN DASHBOARD' with a 'Logout' link in the top right. The 'ADD NEW STUDENTS AND TEACHERS' section contains two input fields: 'Student Name:' and 'Teacher Name:', each followed by an 'ADD' button. Below this, the 'ASSIGN STUDENTS' section features a table with columns 'Select', 'Name of the Student', and 'Class'. The table lists ten students: HARSH, ROY, RISHAB, KASHISH, DIPPIE, VALENCIA, BOB, NARAY, PARAG, and DEWANE, each with a checkbox and a 'Select' dropdown. A 'Submit' button is at the bottom. The 'ASSIGN CLASSES, SUBJECTS AND TEACHERS' section has three dropdowns for 'Name of the Class', 'Teacher', and 'Subject', followed by a 'Submit' button. The 'Subject' dropdown is expanded, showing options: HISTORY, MATHS, SCIENCE, GEOGRAPHY, ENGLISH, HINDI, MARATHI, and COMPUTERS. The 'ASSIGNMENT REPORT' section displays two tables. The first table has columns 'Class', 'Teacher', and 'Subject', with one row: X DIV B, KETAN, HISTORY. The second table has columns 'Class' and 'Student Name', with one row: X DIV C, ABHINAV.

Select	Name of the Student	Class
<input type="checkbox"/>	HARSH	Select
<input type="checkbox"/>	ROY	Select
<input type="checkbox"/>	RISHAB	Select
<input type="checkbox"/>	KASHISH	Select
<input type="checkbox"/>	DIPPIE	Select
<input type="checkbox"/>	VALENCIA	Select
<input type="checkbox"/>	BOB	Select
<input type="checkbox"/>	NARAY	Select
<input type="checkbox"/>	PARAG	Select
<input type="checkbox"/>	DEWANE	Select
<input type="checkbox"/>	ABHINAV	Select

Name of the Class	Teacher	Subject
Select	Select	<input type="checkbox"/> HISTORY <input type="checkbox"/> MATHS <input type="checkbox"/> SCIENCE <input type="checkbox"/> GEOGRAPHY <input type="checkbox"/> ENGLISH <input type="checkbox"/> HINDI <input type="checkbox"/> MARATHI <input type="checkbox"/> COMPUTERS

Class	Teacher	Subject
X DIV B	KETAN	HISTORY

Class	Student Name
X DIV C	ABHINAV

Here with ADD NEW STUDENTS AND TEACHERS section the admin can add new Students and Teachers which would show up in the ASSIGN STUDENTS and ASSIGN CLASSES, SUBJECTS AND TEACHERS section respectively for further transactions to be done.

This screenshot is identical to the previous one, but with an additional message in the 'ASSIGN CLASSES, SUBJECTS AND TEACHERS' section: 'Student SUMIT have been added successfully !'. In the 'ASSIGN STUDENTS' table, the 'SUMIT' entry is highlighted in yellow, indicating it has been successfully added to the list of students.

ASSIGN STUDENTS

Select	Name of the Student	Class
<input type="checkbox"/>	HAARESH	Select ▾
<input type="checkbox"/>	ROY	Select ▾
<input type="checkbox"/>	RODHAN	Select ▾
<input type="checkbox"/>	VAISHI	Select ▾
<input type="checkbox"/>	DIMPLE	Select ▾
<input type="checkbox"/>	HAARENDRA	Select ▾
<input type="checkbox"/>	BOB	Select ▾
<input type="checkbox"/>	HARY	Select ▾
<input type="checkbox"/>	PARAG	Select ▾
<input type="checkbox"/>	DEANUSHER	Select ▾
<input type="checkbox"/>	ABHINAV	Select ▾
<input type="checkbox"/>	SUMIT	Select ▾

ASSIGN CLASSES, SUBJECTS AND TEACHERS

Name of the Class	Teacher	Subject
Select ▾	Select ▾	<input type="checkbox"/> HISTORY <input type="checkbox"/> MATHS <input type="checkbox"/> SCIENCE <input type="checkbox"/> GEOGRAPHY <input type="checkbox"/> ENGLISH <input type="checkbox"/> HINDI <input type="checkbox"/> MARATHI <input type="checkbox"/> COMPUTERS
<input type="button" value="Submit"/>		

Teacher KAUSHIK have been added successfully !

ASSIGNMENT REPORT

Class	Teacher	Subject
X DIV B	KETAN	HISTORY

Class	Student Name
X DIV C	ABHINAV

Now we can assign students to classes using the ASSIGN STUDENTS section

ASSIGN STUDENTS

Select	Name of the Student	Class
<input type="checkbox"/>	HAARESH	Select ▾
<input type="checkbox"/>	ROY	Select ▾
<input type="checkbox"/>	RODHAN	Select ▾
<input type="checkbox"/>	VAISHI	Select ▾
<input type="checkbox"/>	DIMPLE	Select ▾
<input type="checkbox"/>	HAARENDRA	Select ▾
<input type="checkbox"/>	BOB	Select ▾
<input type="checkbox"/>	HARY	Select ▾
<input type="checkbox"/>	PARAG	Select ▾
<input type="checkbox"/>	DEANUSHER	Select ▾
<input type="checkbox"/>	ABHINAV	Select ▾
<input checked="" type="checkbox"/>	SUMIT	X DIV B ▾

ASSIGN CLASSES, SUBJECTS AND TEACHERS

Name of the Class	Teacher	Subject
Select ▾	Select ▾	<input type="checkbox"/> HISTORY <input type="checkbox"/> MATHS <input type="checkbox"/> SCIENCE <input type="checkbox"/> GEOGRAPHY <input type="checkbox"/> ENGLISH <input type="checkbox"/> HINDI <input type="checkbox"/> MARATHI <input type="checkbox"/> COMPUTERS
<input type="button" value="Submit"/>		

Teacher KAUSHIK have been added successfully !

ASSIGNMENT REPORT

Class	Teacher	Subject
X DIV B	KETAN	HISTORY

Class	Student Name
X DIV C	ABHINAV

ASSIGN STUDENTS

Select	Name of the Student	Class
<input type="checkbox"/>	HAARESH	Select ▾
<input type="checkbox"/>	ROY	Select ▾
<input type="checkbox"/>	RODHAN	Select ▾
<input type="checkbox"/>	VAISHI	Select ▾
<input type="checkbox"/>	DIMPLE	Select ▾
<input type="checkbox"/>	HAARENDRA	Select ▾
<input type="checkbox"/>	BOB	Select ▾
<input type="checkbox"/>	HARY	Select ▾
<input type="checkbox"/>	PARAG	Select ▾
<input type="checkbox"/>	DEANUSHER	Select ▾

ASSIGN CLASSES, SUBJECTS AND TEACHERS

Name of the Class	Teacher	Subject
Select ▾	Select ▾	<input type="checkbox"/> HISTORY <input type="checkbox"/> MATHS <input type="checkbox"/> SCIENCE <input type="checkbox"/> GEOGRAPHY <input type="checkbox"/> ENGLISH <input type="checkbox"/> HINDI <input type="checkbox"/> MARATHI <input type="checkbox"/> COMPUTERS
<input type="button" value="Submit"/>		

Students have been assigned to classes successfully !

ASSIGNMENT REPORT

Class	Teacher	Subject
X DIV B	KETAN	HISTORY

Class	Student Name
X DIV B	SUMIT
X DIV C	ABHINAV

The newly added teacher can be assigned to a particular division and can be assigned subjects accordingly

ASSIGN STUDENTS

Select	Name of the Student	Class
<input type="checkbox"/>	NAJEEB	Select
<input type="checkbox"/>	ROY	Select
<input type="checkbox"/>	POONAM	Select
<input type="checkbox"/>	KASHISH	Select
<input type="checkbox"/>	DIMPLE	Select
<input type="checkbox"/>	MAHENDRA	Select
<input type="checkbox"/>	BOB	Select
<input type="checkbox"/>	MARY	Select
<input type="checkbox"/>	PARAG	Select
<input type="checkbox"/>	DEVIJESH	Select

ASSIGN CLASSES, SUBJECTS AND TEACHERS

Name of the Class	Teacher	Subject
Select	Select	<input type="checkbox"/> HISTORY <input type="checkbox"/> MATHS <input type="checkbox"/> SCIENCE <input type="checkbox"/> GEOGRAPHY <input type="checkbox"/> ENGLISH <input type="checkbox"/> HINDI <input type="checkbox"/> MARATHI <input type="checkbox"/> COMPUTERS
Submit		

Assignment of Teachers and Subjects to Classes done successfully !

ASSIGNMENT REPORT

Class	Teacher	Subject
X DIV B	KETAN	HISTORY
X DIV C	KAUSHIK	HISTORY,MATHS,SCIENCE,GEOGRAPHY

Class	Student Name
X DIV B	SUMIT
X DIV C	ABHINAV

Multiple students from the ASSIGN STUDENTS section can be added at one go.

ASSIGN STUDENTS

Select	Name of the Student	Class
<input type="checkbox"/>	NAJEEB	Select
<input type="checkbox"/>	ROY	Select
<input type="checkbox"/>	POONAM	Select
<input type="checkbox"/>	KASHISH	Select
<input type="checkbox"/>	DIMPLE	Select
<input type="checkbox"/>	MAHENDRA	Select
<input type="checkbox"/>	BOB	Select
<input type="checkbox"/>	MARY	Select
<input type="checkbox"/>	PARAG	Select
<input type="checkbox"/>	DEVIJESH	Select
<input type="checkbox"/>	ABHINAV	Select
<input type="checkbox"/>	SUMIT	Select

ASSIGN CLASSES, SUBJECTS AND TEACHERS

Name of the Class	Teacher	Subject
Select	Select	<input type="checkbox"/> HISTORY <input type="checkbox"/> MATHS <input type="checkbox"/> SCIENCE <input type="checkbox"/> GEOGRAPHY <input type="checkbox"/> ENGLISH <input type="checkbox"/> HINDI <input type="checkbox"/> MARATHI <input type="checkbox"/> COMPUTERS
Submit		

Students have been assigned to classes successfully !

ASSIGNMENT REPORT

Class	Teacher	Subject
X DIV B	KETAN	HISTORY
X DIV C	KAUSHIK	HISTORY,MATHS,SCIENCE,GEOGRAPHY

Class	Student Name
X DIV B	POONAM,KASHISH,MAHENDRA,SUMIT
X DIV C	DIMPLE,ABHINAV

User can click the log-out link to log out of the application once he is done.

ADMIN DASHBOARD

Logout

ADD NEW STUDENTS AND TEACHERS

Student Name:
Teacher Name:

ASSIGN STUDENTS

Select	Name of the Student	Class
<input type="checkbox"/>	JAGJESS	Select ▾
<input type="checkbox"/>	JOY	Select ▾
<input type="checkbox"/>	POONAM	Select ▾
<input type="checkbox"/>	KASHISH	Select ▾
<input type="checkbox"/>	DIMPLE	Select ▾
<input type="checkbox"/>	MAHENDRA	Select ▾

ASSIGN CLASSES, SUBJECTS AND TEACHERS

Name of the Class	Teacher	Subject
Select ▾	Select ▾	<input type="checkbox"/> HISTORY <input type="checkbox"/> MATHS <input type="checkbox"/> SCIENCE <input type="checkbox"/> GEOGRAPHY <input type="checkbox"/> ENGLISH <input type="checkbox"/> HINDI <input type="checkbox"/> MARATHI <input type="checkbox"/> COMPUTERS
<input type="button" value="Submit"/>		

ASSIGNMENT REPORT

Class	Teacher	Subject
X DIV B	KETAN	HISTORY
X DIV C	KAUSHIK	HISTORY,MATHS,SCIENCE,GEOGRAPHY

Class	Student Name
X DIV B	ROUNAK,KASHISH,MAHENDRA,SUMIT
X DIV C	DIMPLE,ABHINAV

ADMIN LOGIN

USERNAME:
PASSWORD:

Logged Out !