

Objective/ Vision

A school management software where admin can add/view/delete teacher and student can add/view student and teacher.

Users of the System

1. Admin

Functional Requirements

1. Admin

1. Can add/view/delete librarian
2. Can logout

Tools to be used

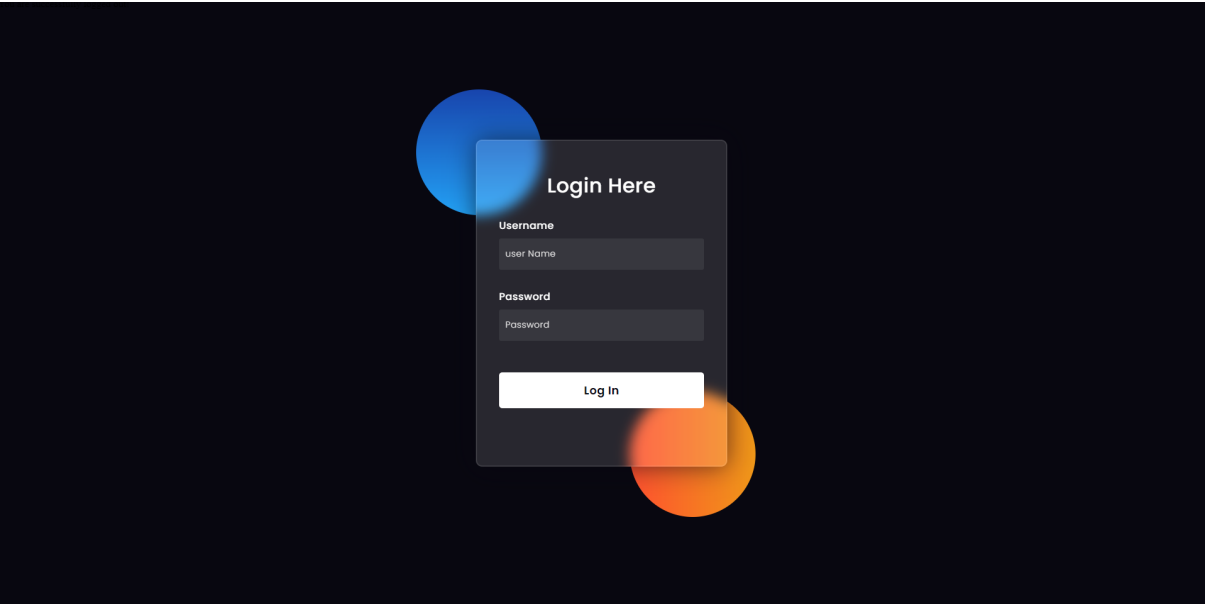
1. Use any IDE to develop the project. It may be Eclipse etc.
2. Oracle/MySQL for the database.

How does the project work?

To get a detailed explanation of the project download the document file. It includes snapshots with explanations.

Some screenshots are given below:

1. Login



2. View Teacher

School Management			
Student	Teacher	Logout	
View Teacher			<button>Add Teacher</button>
Name	Email	Class	Action
munal bhatia	munalbhatia@gmail.com	munalbhatia@gmail.com	Delete
rakesh mittle	rakesh.mittle@gmail.com	rakesh.mittle@gmail.com	Delete

3. View Student

School Management			
Student	Teacher	Logout	
View Student			<button>Add Student</button>
Name	Email	Class	Action
munal bhatia	munalbhatia@gmail.com	12	Delete

4. Add Teacher

School Management Student Teacher Logout

Add Teacher

View Teacher

Name of Teacher:

Email of Teacher:

Teacher subject :

Teacher Class:

Submit

School Management Student Teacher Logout

View Teacher

Add Teacher

Name	Email	Class	Action
munal bhatia	munalbhatia@gmail.com	munalbhatia@gmail.com	Delete
rakesh mittie	rakesh.mittie@gmail.com	rakesh.mittie@gmail.com	Delete

MySQL Workbench

Local instance mysql x

File Edit View Query Database Server Tools Scripting Help

Filter objects

SCHEMAS

emp

Tables

employee

persons

studentdetails

teacherdetails

Columns

Indexes

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sys

Query 1 studentdetails teacherdetails - Table teacherdetails x

Limit to 1000 rows

1 • SELECT * FROM emp.teacherdetails;

Result Grid

	name	email	className	subjectName	id
▶	munal bhatia	munalbhatia@gmail.com	12	java	1
▶	rakesh mittie	rakesh.mittie@gmail.com	10	Maths	3
•	NO DATA	NO DATA	NO DATA	NO DATA	NO DATA

Form Editor

Field Types

Query Stats

Administration Schemas

teacherdetails 2 x

Apply Revert

Context Help Snippets

Information

Table: teacherdetails

Columns:

name

varchar(255)

email

varchar(255)

className

varchar(255)

subjectName

varchar(255)

id

int AI PK

Object Info

Session

Action Output

#	Time	Action	Message	Duration / Fetch
✓	5 20:19:53	CREATE TABLE teacherDetails (`name` varchar(255), `email` varchar(255), `className` varchar(255), `subjectName` varchar(255), `id` int AI PK)	0 row(s) affected	0.093 sec
✓	6 15:06:29	select * from emp.teacherDetails LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	7 15:17:59	select * from emp.teacherDetails LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓	8 15:18:54	Apply changes to teacherdetails	Changes applied	
✓	9 15:19:26	SELECT * FROM emp.teacherdetails LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
✓	10 17:31:02	SELECT * FROM emp.teacherdetails LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

5. Add Student

Add Student

View Student

Name of Student:

munal bhatia

Email of Student:

munalbhatia@gmail.com

Country:

India

Gender:

male

Mobile Number:

09711118987

student Address:

floor shakti vihar pitampura

Student Course :

12

Student Section:

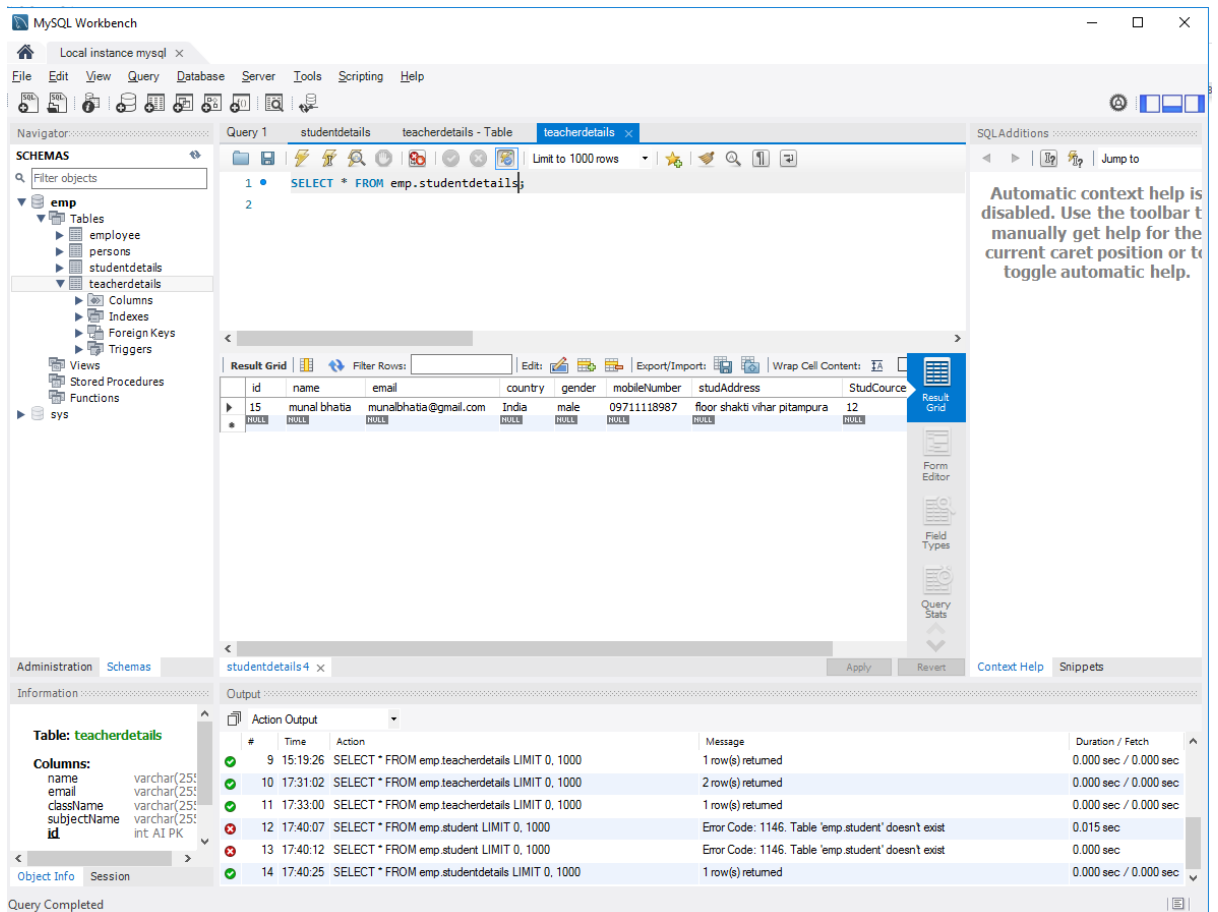
A

Submit

View Student

Add Student

Name	Email	Class	Action
munal bhatia	munalbhatia@gmail.com	12	Delete



6. Delete Student

a. Before

School Management Student Teacher Logout			
View Student			Add Student
Name	Email	Class	Action
munal bhatia	munalbhatia@gmail.com	12	Delete

b. After

View Student

Add Student

Name	Email	Class	Action
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MySQL Workbench

Local instance mysql x

File Edit View Query Database Server Tools Scripting Help

Filter objects

emp

Tables

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persons

studentdetails

teacherdetails

Columns

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Foreign Keys

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Views

Stored Procedures

Functions

sys

Query 1

studentdetails

teacherdetails - Table

teacherdetails x

Limit to 1000 rows

1

2

SELECT * FROM emp.studentdetails;

Result Grid

id

name

email

country

gender

mobileNumber

studAddress

StudCourses

studSection

NULL

NULL

NULL

NULL

NULL

NULL

NULL

NULL

NULL

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Administration

Schemas

studentdetails5 x

Apply

Revert

Context Help

Snippets

Information

Table: teacherdetails

Columns:

name

varchar(255)

email

varchar(255)

className

varchar(255)

subjectName

varchar(255)

id

int AI PK

Object Info

Session

Output

Action Output

#

Time

Action

Message

Duration / Fetch

10

17:31:02

SELECT * FROM emp.teacherdetails LIMIT 0, 1000

2 row(s) returned

0.000 sec / 0.000 sec

11

17:33:00

SELECT * FROM emp.teacherdetails LIMIT 0, 1000

1 row(s) returned

0.000 sec / 0.000 sec

12

17:40:07

SELECT * FROM emp.student LIMIT 0, 1000

Error Code: 1146. Table 'emp.student' doesn't exist

0.015 sec

13

17:40:12

SELECT * FROM emp.student LIMIT 0, 1000

Error Code: 1146. Table 'emp.student' doesn't exist

0.000 sec

14

17:40:25

SELECT * FROM emp.studentdetails LIMIT 0, 1000

1 row(s) returned

0.000 sec / 0.000 sec

15

17:42:17

SELECT * FROM emp.studentdetails LIMIT 0, 1000

0 row(s) returned

0.000 sec / 0.000 sec

Query Completed

7. Delete Teacher

7.1 Before Deleting Data

View Teacher

Add Teacher

Name	Email	Class	Action
munal bhatia	munalbhatia@gmail.com	munalbhatia@gmail.com	Delete
rakesh mittle	rakesh.mittle@gmail.com	rakesh.mittle@gmail.com	Delete

7.2 After Deleting Data

View Teacher

Add Teacher

Name	Email	Class	Action
munal bhatia	munalbhatia@gmail.com	munalbhatia@gmail.com	Delete

MySQL Workbench

Local instance mysql

File Edit View Query Database Server Tools Scripting Help

Filter objects

emp

Tables

employee

persons

studentdetails

teacherdetails

Columns

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Functions

sys

Query 1

studentdetails teacherdetails - Table teacherdetails

Limit to 1000 rows

1

SELECT * FROM emp.teacherdetails;

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

name email className subjectName id

munal bhatia

munalbhatia@gmail.com

12

java

1

Administration Schemas

teacherdetails 3

Apply Revert Context Help Snippets

Information

Output

Table: teacherdetails

Columns:

name

varchar(255)

email

varchar(255)

className

varchar(255)

subjectName

varchar(255)

id

int AI PK

Action Output

#

Time

Action

Message

Duration / Fetch

6

15:06:29

select * from emp.teacherDetails LIMIT 0, 1000

0 row(s) returned

0.000 sec / 0.000 sec

7

15:17:59

select * from emp.teacherDetails LIMIT 0, 1000

0 row(s) returned

0.000 sec / 0.000 sec

8

15:18:54

Apply changes to teacherdetails

Changes applied

9

15:19:26

SELECT * FROM emp.teacherdetails LIMIT 0, 1000

1 row(s) returned

0.000 sec / 0.000 sec

10

17:31:02

SELECT * FROM emp.teacherdetails LIMIT 0, 1000

2 row(s) returned

0.000 sec / 0.000 sec

11

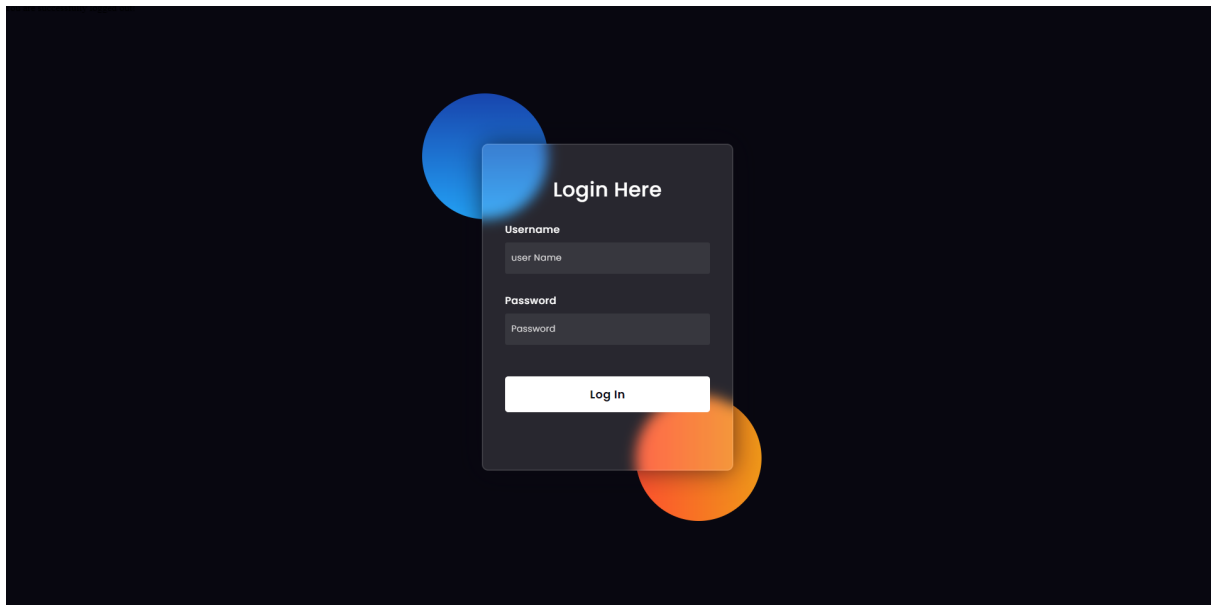
17:33:00

SELECT * FROM emp.teacherdetails LIMIT 0, 1000

1 row(s) returned

0.000 sec / 0.000 sec

8. Logout



Useful link

1. Code: <https://github.com/bhatiamunal/schoolManagement.git>

Technology

1. **Backend:** JSP, Servlet
2. **Database:** Mysql
3. **Frontend:** CSS,JSP,JavaScript

How to run this project

Import the project on the Eclipse IDE and run it.

Use admin@jtp.com and admin123 for the username and password of admin.