Name:- Niraj Digambar Patil.

PRN NO: 220960920063.

Project:- By Using Dotnet Technology, Create Student Information Table Of CDAC, DBDA, DMC and Add their Project Information , Make their Payments (Fee Payment) By using Authentication Process(User Authentication).

Details:

Login To Application:

Login page is the **First** View for any visited person to the application. So add your valid email and password if you are register already . If you are new person to visit application please **automatically you will be forwarded** towards the register page for new registration. If you are Register already but you enter wrong password then you are not forwarded to next page , you will **Redirect to same Login page**. So put your valid email and **password**. All this Operations are Conducted on the **User Controller**.

For Admin Only:

If you are admin then you can view the all user information who register into the Application Except Password of User . Admin can Delete specific user if Required and update some amount of information Except Email and Password.

This page is Visible only for the Admin.

Then admin page has provided a button for to switch to the **Student** page.

For General Users:

After the Login process completed you will forward towards the Student Page where user can see all student who are Taken admission in the different courses like CDAC, DBDA, DMC etc. Also user can view there project technology where they are working on it . User can also watch Fee they paid to institute .

User can update following Student Information like age, project Technology etc. user can delete the table students also.

User can fill the there Fees to Institute also. By switching **Fee Pay button.**

User can **view** the information of student Regarding **by there Respective Project Technologies.**

By Switching Button "Add Student" , user can add the new student into the Database and later page is redirected towards the view page.

User can Logout from the Page by **Logout Button.**

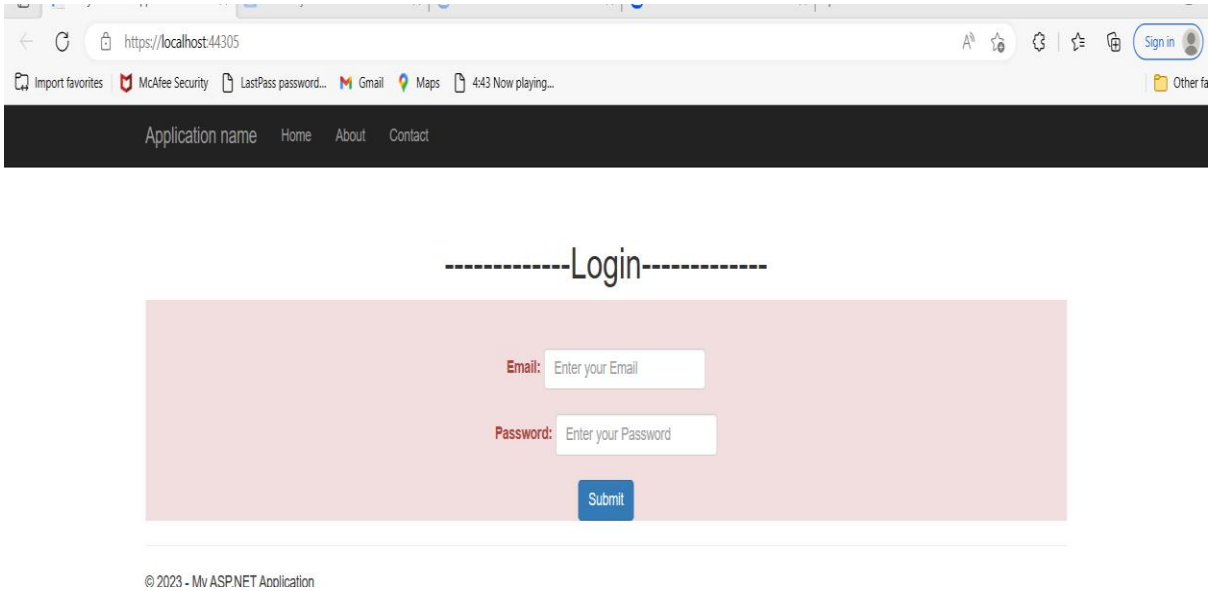
Error Handling is also provided to the Project .

Output :

1)

Login Page:

Empty:



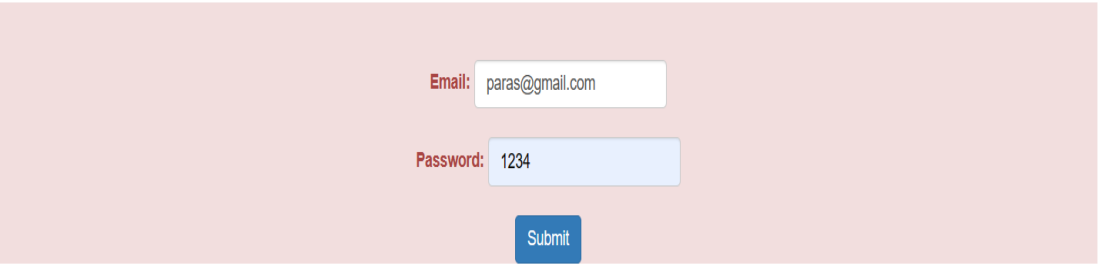
Filled:

If User is new:

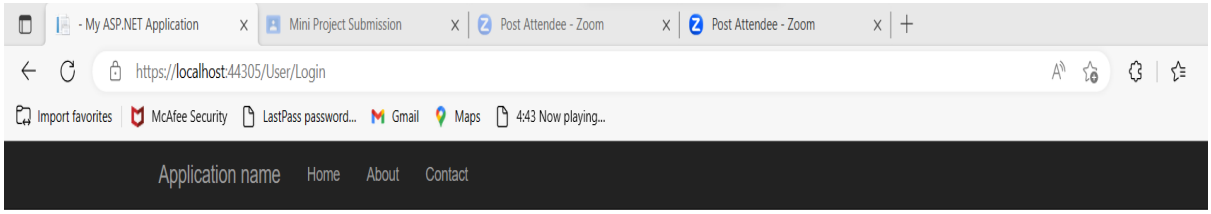
New- paras@gmail.com

Password-1234

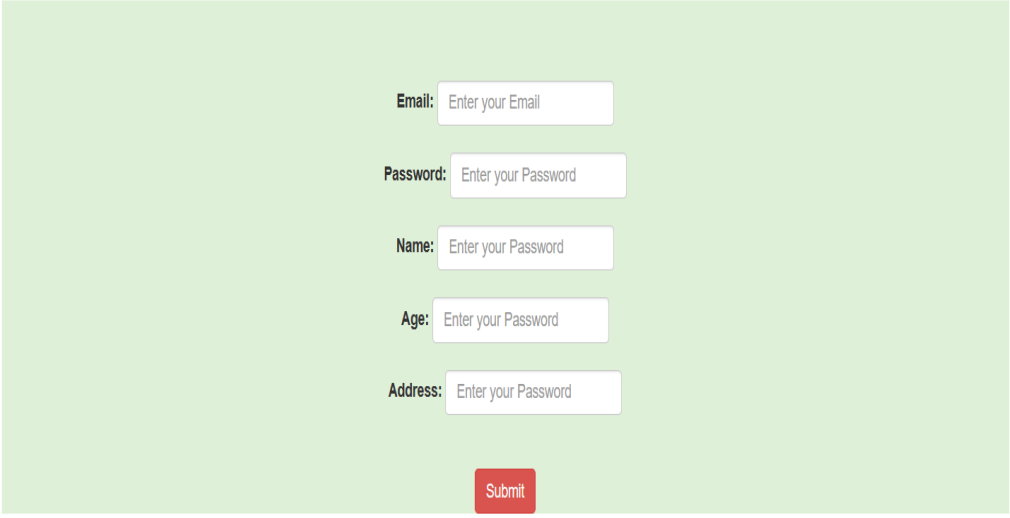
----------Login----------



After submit:

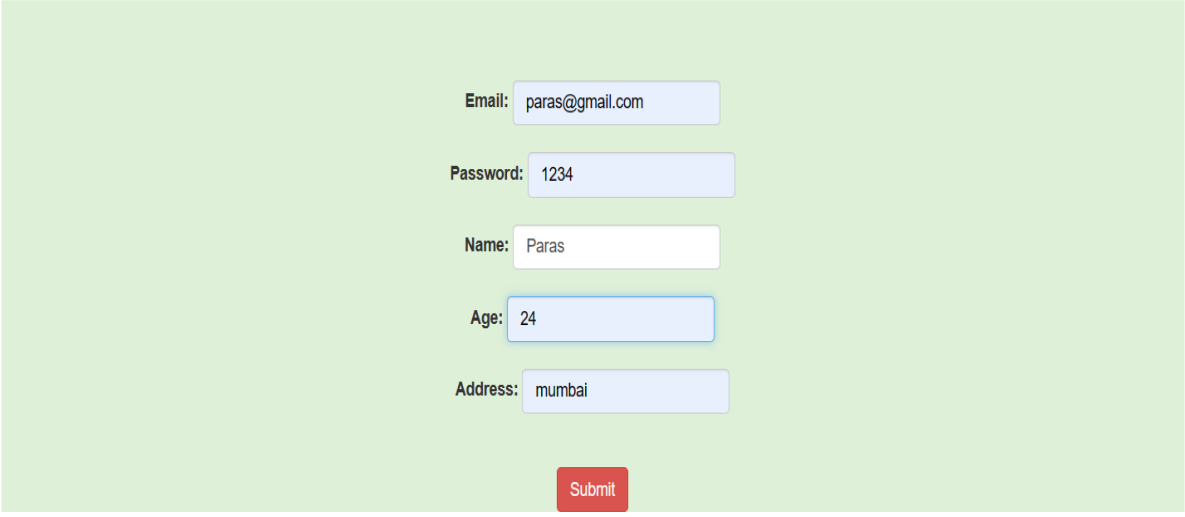


----------Register User----------



Fill Information Of new user:

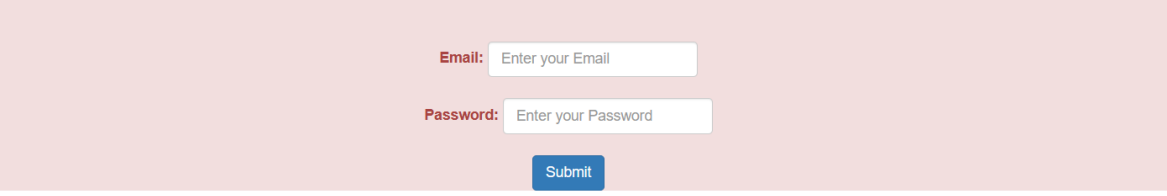
----------Register User----------



After submit Page is directed to loin page:

View Blank page of User-

----------Login----------



Enter details of register user:

Registered- paras@gmail.com

Password-1234 and hit submit button.

This is the view:

JSP VIEW | SPRING | SPRING BOOT | Android | DotNet | Pay Fee

All Students Information

ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee	Delete	Update
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000	Delete	Update
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000	Delete	Update
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
4	gagan	24	DBDA	Pune	Android	0	150000	150000	Delete	Update
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000	Delete	Update
7	Kartik	24	DMC	Pune	SpringBoot	22090	97910	120000	Delete	Update
8	Keshav	25	DBDA	mumbai	Dotnet	0	150000	150000	Delete	Update

Add New Student

Logout

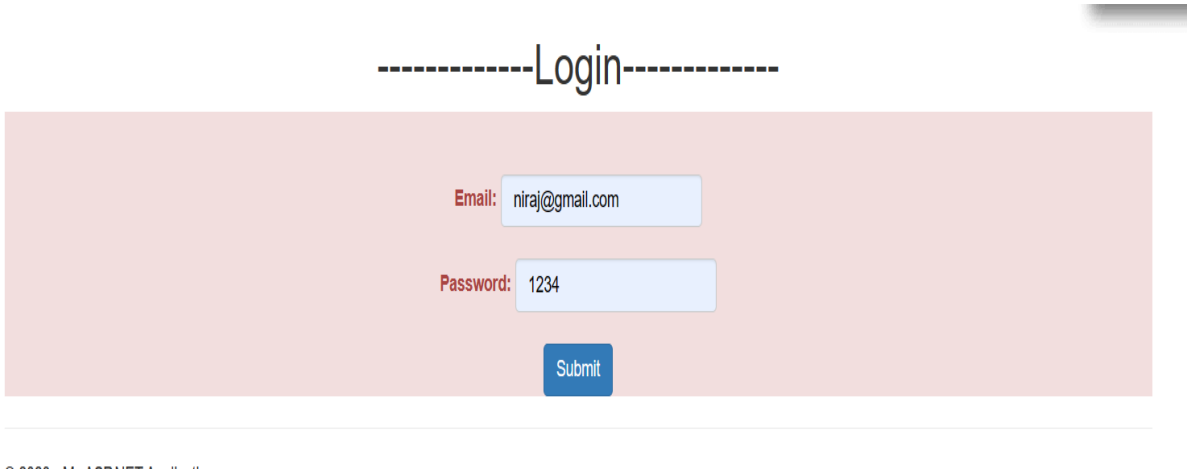
For Admin:

Max Rows: 1000

Id	Email	Password	Name	Age	Address	Role
1	niraj@gmail.com	1234	Niraj Patil	23	Jalgoan	Admin
2	vipul@gmail.co...	123	vipul	24	pune	NULL
3	piyu@gmail.com	1234	Piyush	26	Pune	NULL
6	nirajdp868@g...	1234	Niraj	24	Pune	NULL
7	abc@gmail.com	1234	abc	26	Pune	NULL
8	gagan@gmail.c...	123	gagan	26	mumbai	NULL
17	tejas@gmail.com	0123	Tejas	23	Jalgoan	NULL
20	trp@gmail.com	1234	abcdefg	24	Kashmir	Customer
22	abc@gmail.co	1234	abcd	26	mumbai	NULL
NULL	NULL	NULL	NULL	NULL	NULL	NULL

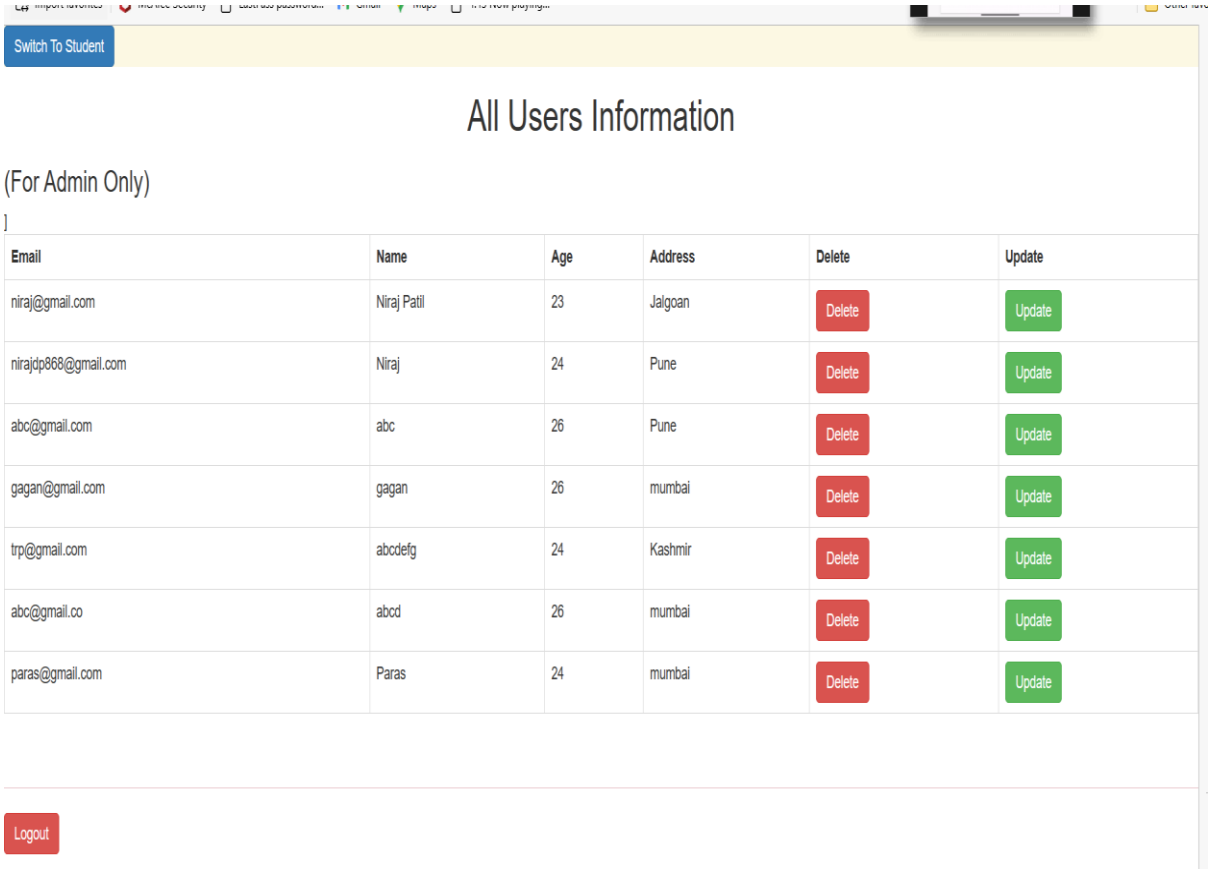
Email- niraj@gmail.com

Password- 1234



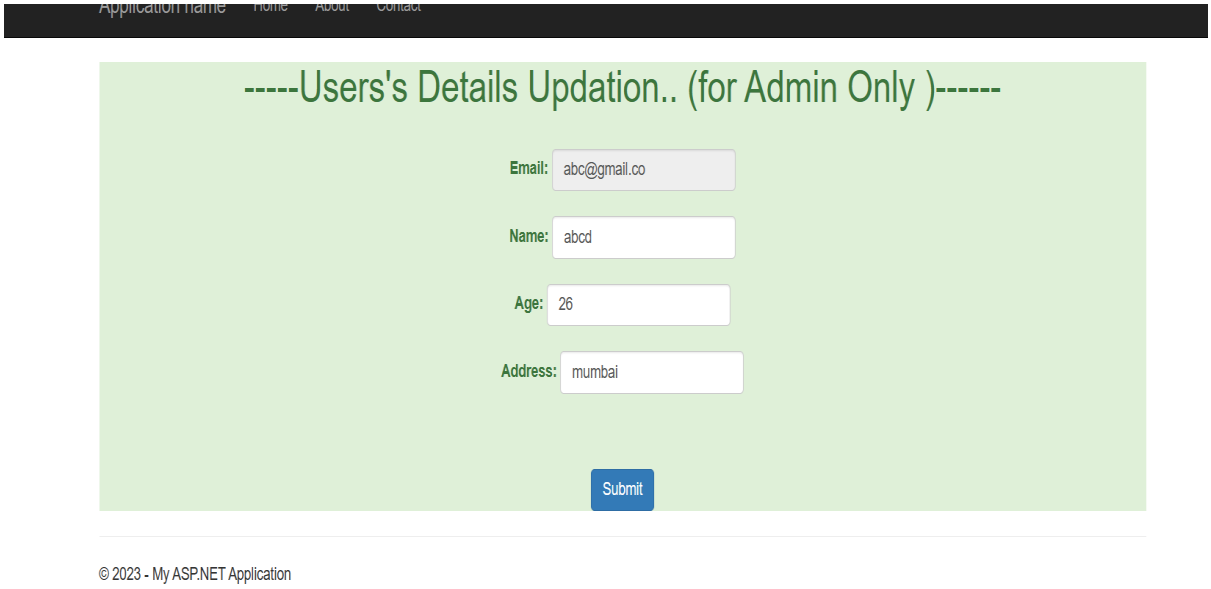
After enter:

First View :



Email	Name	Age	Address	Delete	Update
niraj@gmail.com	Niraj Patil	23	Jalgoan	Delete	Update
nirajdp868@gmail.com	Niraj	24	Pune	Delete	Update
abc@gmail.com	abc	26	Pune	Delete	Update
gagan@gmail.com	gagan	26	mumbai	Delete	Update
trp@gmail.com	abcdefg	24	Kashmir	Delete	Update
abc@gmail.co	abcd	26	mumbai	Delete	Update
paras@gmail.com	Paras	24	mumbai	Delete	Update

Update User Information:



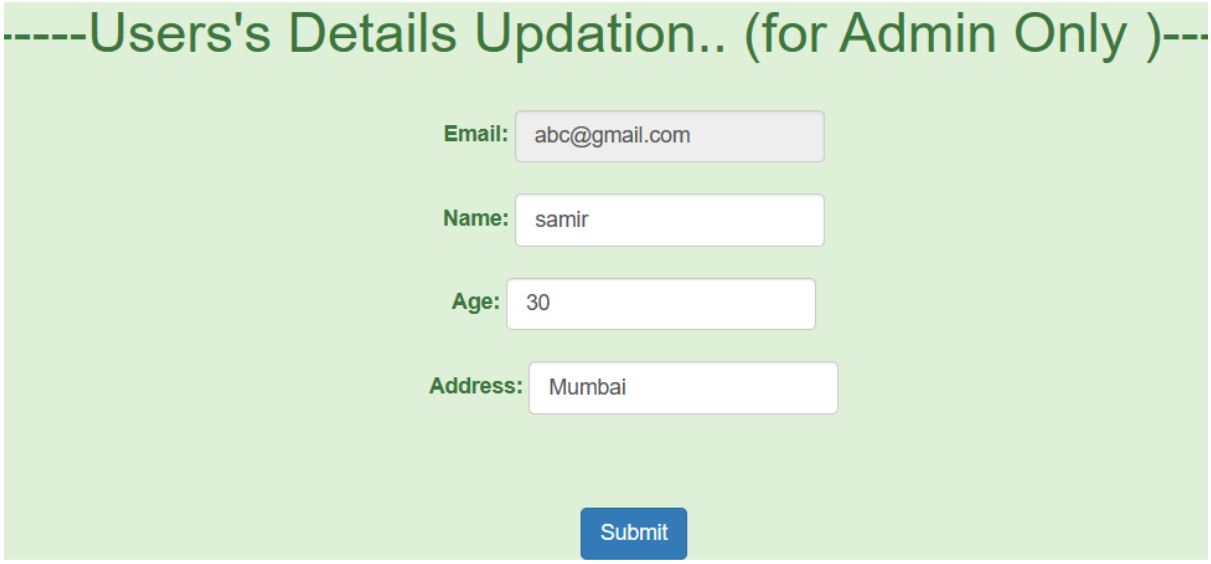
Previous information is there only..

-Fill New Updated Information Admin can change only Name, Age and Address… No password updation Nor Email id updation (Email id is Readonly → non-Updatable.)

So Before update-

abc@gmail.com	abc	26	Pune

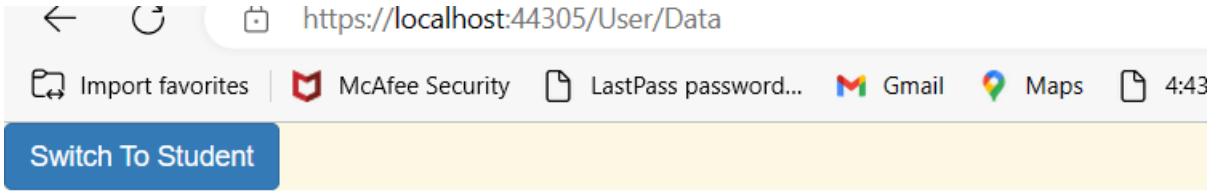
After update:



Information in table after submission-

abc@gmail.com	samir	30	Mumbai

To Forward Admin on the Student page-



A

(For Admin Only)

]

Email	Name
niraj@gmail.com	Niraj Patil

By switching **Switch to Student** Button.

JSP VIEW | SPRING | SPRING BOOT | Android | DotNet | Pay Fee

All Students Information

ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee	Delete	Update
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000	Delete	Update
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000	Delete	Update
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
4	gagan	24	DBDA	Pune	Android	0	150000	150000	Delete	Update
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000	Delete	Update
7	Kartik	24	DMC	Pune	SpringBoot	22090	97910	120000	Delete	Update
8	Keshav	25	DBDA	mumbai	Dotnet	0	150000	150000	Delete	Update

Add New Student

Logout

On Student Page:

View page:

JSP VIEW | SPRING | SPRING BOOT | Android | DotNet | Pay Fee

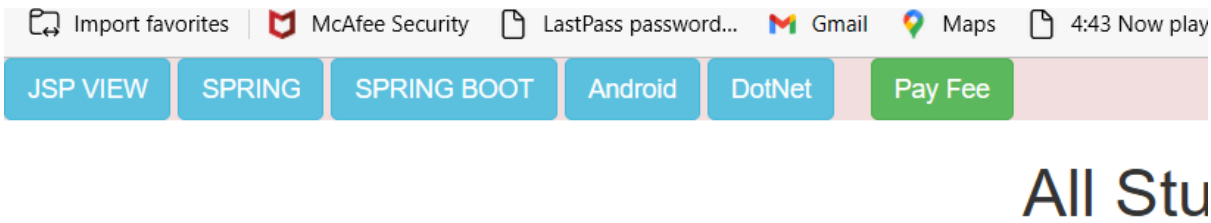
All Students Information

ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee	Delete	Update
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000	Delete	Update
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000	Delete	Update
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
4	gagan	24	DBDA	Pune	Android	0	150000	150000	Delete	Update
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000	Delete	Update
7	Kartik	24	DMC	Pune	SpringBoot	22090	97910	120000	Delete	Update
8	Keshav	25	DBDA	mumbai	Dotnet	0	150000	150000	Delete	Update

Add New Student

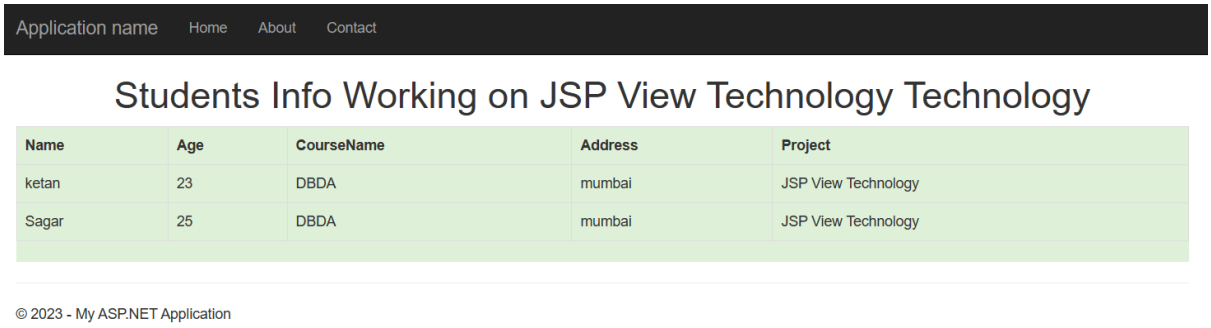
Logout

By Using following Butons:

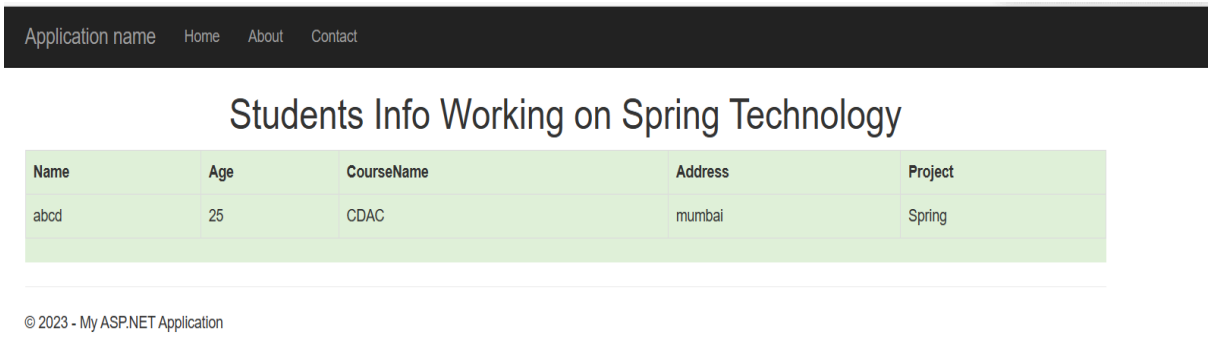


1)

JSP VIEW:



SPRING :



SPRINGBOOT :

Application name Home About Contact

Students Info Working on SpringBoot Technology

Name	Age	CourseName	Address	Project
Niraj	23	CDAC	Jalgoan	SpringBoot
Tejas	24	CDAC	Jalgoan	SpringBoot
Kartik	24	DMC	Pune	SpringBoot

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ANDROID:

Students Info Working on Android Technology

Name	Age	CourseName	Address	Project
gagan	24	DBDA	Pune	Android

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Dotnet:

Application name Home About Contact

Students Info Working on Dotnet Technology

Name	Age	CourseName	Address	Project
Keshav	25	DBDA	mumbai	Dotnet
Paras	25	CDAC	mumbai	Dotnet

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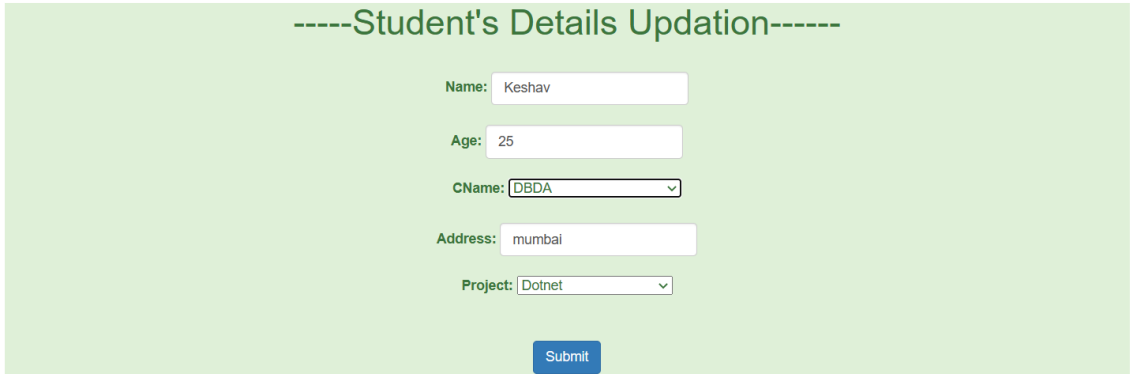
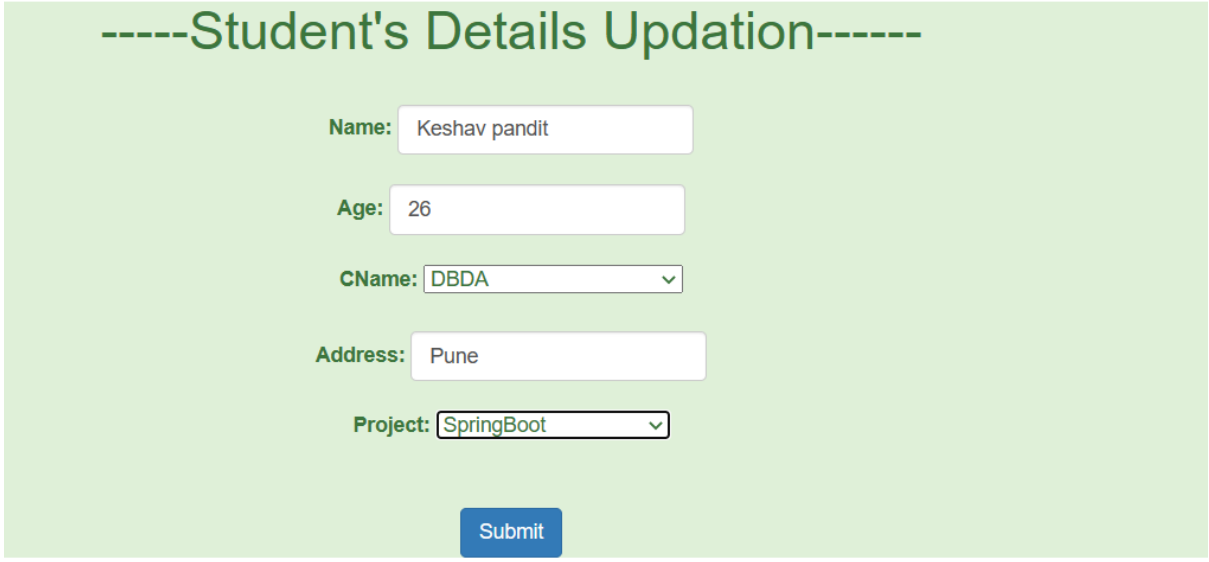
Student Updation by using "Update" Button:

8	Keshav	25	DBDA	mumbai	Dotnet	0	150000	150000

To Update Keshav:
Initial information:



After enter new information:



After hit **Submit:**

8	Keshav pandit	26	DBDA	Pune	SpringBoot	0	150000	150000

Delete Operation:

Delete Kartik

7	Kartik	24	DMC	Pune	SpringBoot	22090	97910	120000	Delete	Update

7	Kartik	24	DMC	Pune	SpringBoot	22090	97910	120000

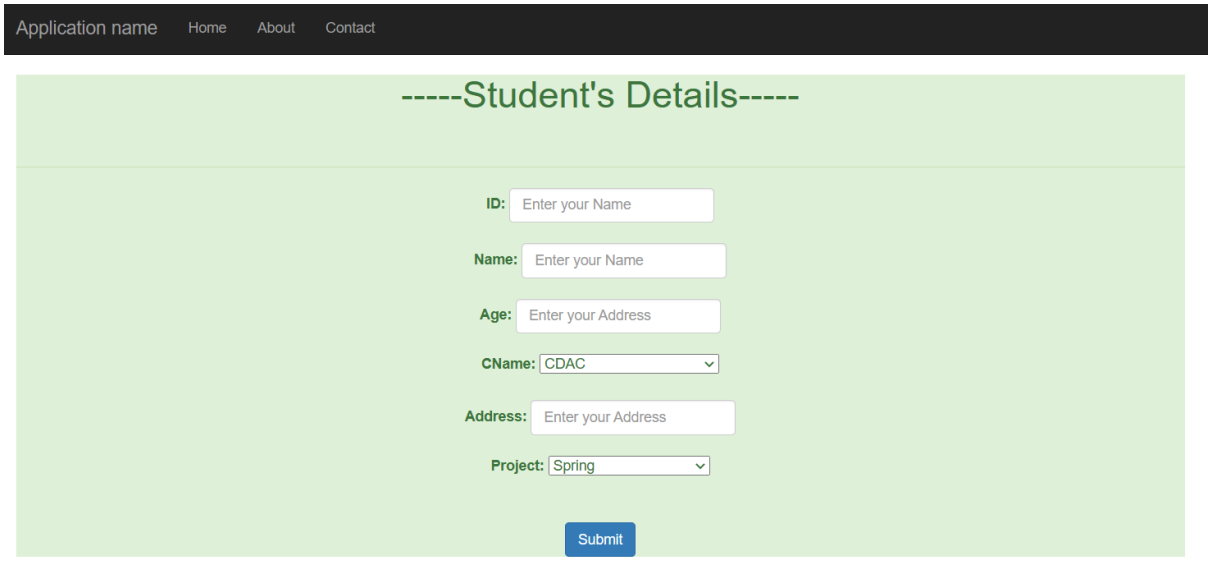
ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee	Delete	Update
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000	Delete	Update
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000	Delete	Update
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
4	gagan	24	DBDA	Pune	Android	0	150000	150000	Delete	Update
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000	Delete	Update
6	Sagar	25	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
7	Kartik	24	DMC	Pune	SpringBoot	22090	97910	120000	Delete	Update
8	Keshav pandit	26	DBDA	Pune	SpringBoot	0	150000	150000	Delete	Update
9	Paras	25	CDAC	mumbai	Dotnet	0	100000	100000	Delete	Update

After hit Delete :

ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000
4	gagan	24	DBDA	Pune	Android	0	150000	150000
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000
6	Sagar	25	DBDA	mumbai	JSP View Technology	0	150000	150000
8	Keshav pandit	26	DBDA	Pune	SpringBoot	0	150000	150000
9	Paras	25	CDAC	mumbai	Dotnet	0	100000	100000

No more Kartik------deleted

- **Add NEW Student** by Using "**ADD NEW Student**" Button:



Fill new student information:

No need to fill **Totalfee** of respected course – it filled automatically

If your course is **CDAC** fee will be 100000 if **DBDA** then it will be the 150000 if **DMC** OR **OTHER TotalFee** is 120000 .

-----Student's Details-----

ID: 10

Name: Raghav

Age: 24

CName: DMC

Address: mumbai

Project: Android

Submit

After Hit Submit :

JSP VIEW | SPRING | SPRING BOOT | Android | DotNet | Pay Fee

All Students Information

ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee	Delete	Update
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000	Delete	Update
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000	Delete	Update
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
4	gagan	24	DBDA	Pune	Android	0	150000	150000	Delete	Update
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000	Delete	Update
6	Sagar	25	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
8	Keshav pandit	26	DBDA	Pune	SpringBoot	0	150000	150000	Delete	Update
9	Paras	25	CDAC	mumbai	Dotnet	0	100000	100000	Delete	Update
10	Raghav	24	DMC	mumbai	Android	0	120000	120000	Delete	Update

Add New Student

10	Raghav	24	DMC	mumbai	Android	0	120000	120000

Id is managed by hashing technic which probably used in datastucture (Open addressing Technique) ..so if the id you enter is already present your id is incremented by +1 upto proper Id is not getting. No failure if you enter same id as previous id present in database.

No Auto-Increamented Id created ..Id is manage by using code.

ID 7 is Absent:

ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000
4	gagan	24	DBDA	Pune	Android	0	150000	150000
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000
6	Sagar	25	DBDA	mumbai	JSP View Technology	0	150000	150000
8	Keshav pandit	26	DBDA	Pune	SpringBoot	0	150000	150000
9	Paras	25	CDAC	mumbai	Dotnet	0	100000	100000
10	Raghav	24	DMC	mumbai	Android	0	120000	120000

Add new Employee as id =2

-----Student's Details-----

ID: 2

Name: Mahesh

Age: 25

CName: CDAC

Address: mumbai

Project: SpringBoot

Submit

Then:

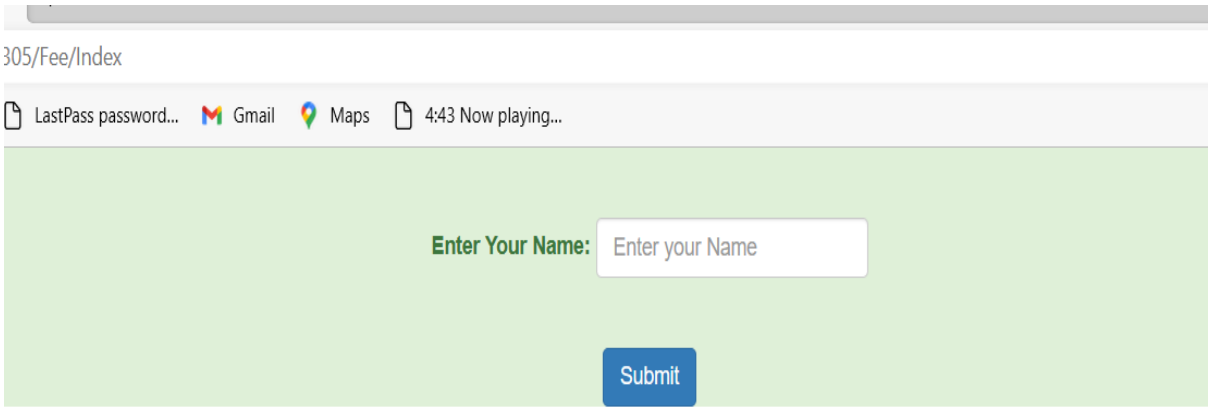
ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000
4	gagan	24	DBDA	Pune	Android	0	150000	150000
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000
6	Sagar	25	DBDA	mumbai	JSP View Technology	0	150000	150000
7	Mahesh	25	CDAC	mumbai	SpringBoot	0	100000	100000
8	Keshav pandit	26	DBDA	Pune	SpringBoot	0	150000	150000
9	Paras	25	CDAC	mumbai	Dotnet	0	100000	100000
10	Raghav	24	DMC	mumbai	Android	0	120000	120000

7	Mahesh	25	CDAC	mumbai	SpringBoot	0	100000	100000

It takes id as 7 Id—manages by the Open Addressing Technic in HashTable Formation.

- **Pay Fee** by using "**Pay Fee**" Button:

This is the View:

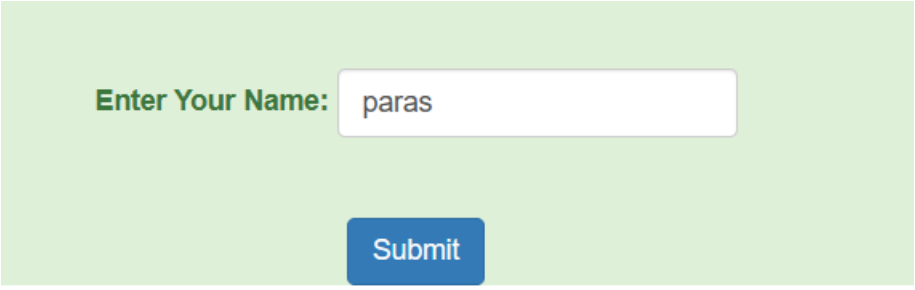


Let fill paid amount of student paras:

Initial fee of paras is:

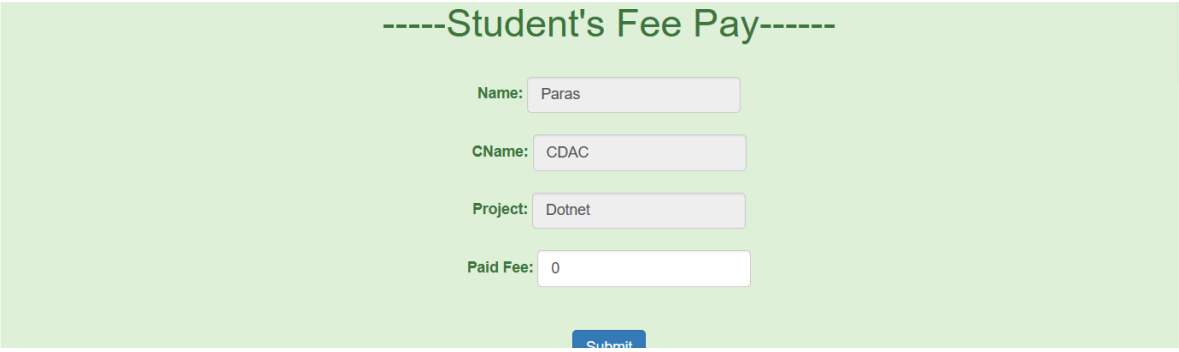
9	Paras	25	CDAC	mumbai	Dotnet	0	100000	100000

Enter Student name:



After submit :

Information of that student but readonly non updatable--



Enter paid fee:

t Contact

-----Student's Fee Pay------

Name: Paras

CName: CDAC

Project: Dotnet

Paid Fee: 15000

Submit

After Submit:

ID	Name	Age	CName	Address	Project	FeePaid	Remains-Fee	Total-Fee	Delete	Update
1	Niraj	23	CDAC	Jalgoan	SpringBoot	90000	10000	100000	Delete	Update
2	abcd	25	CDAC	mumbai	Spring	23000	77000	100000	Delete	Update
3	ketan	23	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
4	gagan	24	DBDA	Pune	Android	0	150000	150000	Delete	Update
5	Tejas	24	CDAC	Jalgoan	SpringBoot	22000	78000	100000	Delete	Update
6	Sagar	25	DBDA	mumbai	JSP View Technology	0	150000	150000	Delete	Update
7	Mahesh	25	CDAC	mumbai	SpringBoot	0	100000	100000	Delete	Update
8	Keshav pandit	26	DBDA	Pune	SpringBoot	0	150000	150000	Delete	Update
9	Paras	25	CDAC	mumbai	Dotnet	15000	85000	100000	Delete	Update
10	Raghav	24	DMC	mumbai	Android	0	120000	120000	Delete	Update

9	Paras	25	CDAC	mumbai	Dotnet	15000	85000	100000

If student pay more 5000 after some days..then

Please update

-----Student's Fee Pay------

Name: Paras

CName: CDAC

Project: Dotnet

Paid Fee: 5000

Submit

After submit:

9	Paras	25	CDAC	mumbai	Dotnet	20000	80000	100000

LogOut:

Add New Student

Logout

After hit Logout:

es | McAfee Security | LastPass password... | Gmail | Maps | 4:43 Now playing...

Application name Home About Contact

You Are Logged Out

Back to Login

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