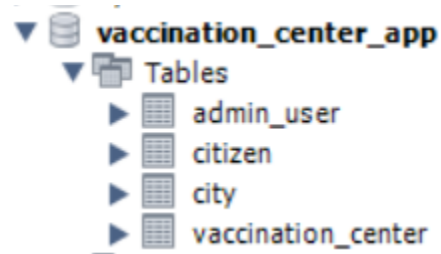


Vaccination Center Application

Screenshots

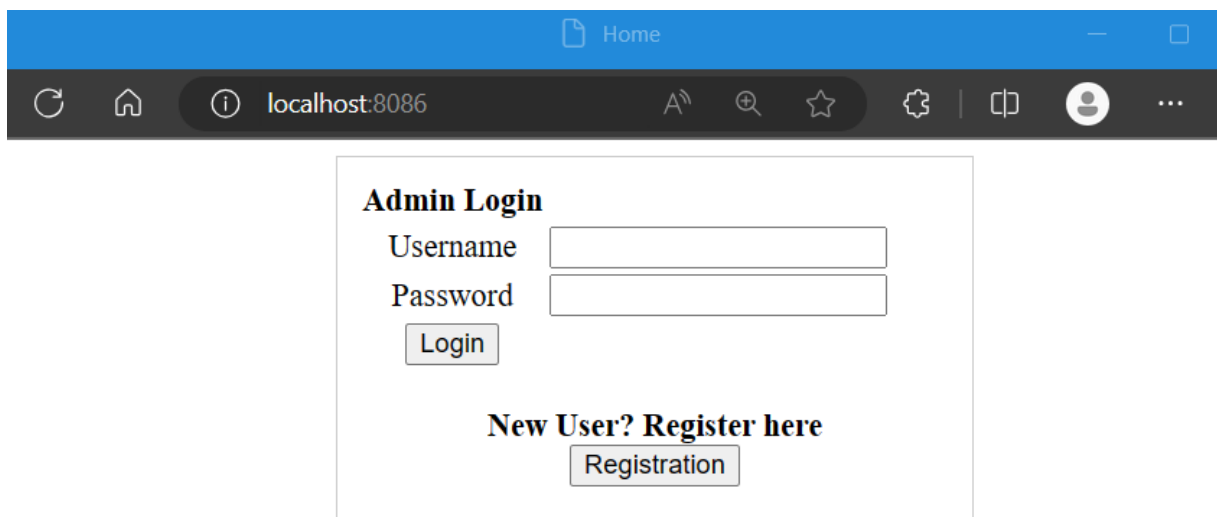
Tables in the Database



City names inserted initially into the table city

```
INSERT into city (cityname) VALUES
("Bengaluru"),
("Chennai"),
("Hyderabad"),
("Kolkata"),
("Mumbai"),
("Pune"),
("New Delhi")
;
```

Starting the application at http://localhost:8086/



Username, password and email fields are made mandatory by using “required” in the JSPs

Home

localhost:8086

Admin Login

Username

Password

Login

Please fill out this field.

New User? Register here

Registration

Admin Registration

localhost:8086/pages/register.jsp

Admin Registration

Registration

Username

Email

Password

Register

Registration

Username

New User

Email

Password

Register

Registration

Username

New User

Email

new@example.com

Password

Please fill out this field.

Registration of a new Admin user

1. When the new user tries to use already existing email ID or username

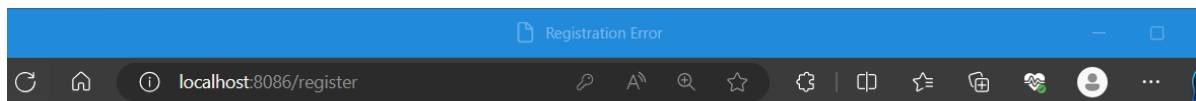
username	email	password
admin1	admin1@example.com	12345
admin2	admin2@example.com	abcde
NULL	NULL	NULL

Using existing username

Admin Registration

Registration

Username	<input type="text" value="admin1"/>
Email	<input type="text" value="user1@example.com"/>
Password	<input type="password" value="....."/>
<input type="button" value="Register"/>	



Username Already exists! Please use a different Username.

Admin Registration

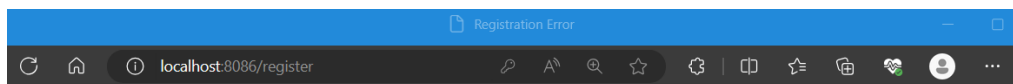
Registration

Username	<input type="text"/>
Email	<input type="text"/>
Password	<input type="password"/>
<input type="button" value="Register"/>	

Using existing email ID

Admin Registration

Registration	
Username	<input type="text" value="newuser"/>
Email	<input type="text" value="admin2@example.com"/>
Password	<input type="password" value="....."/>
<input type="button" value="Register"/>	



Email ID Already exists! Please use a different email ID.

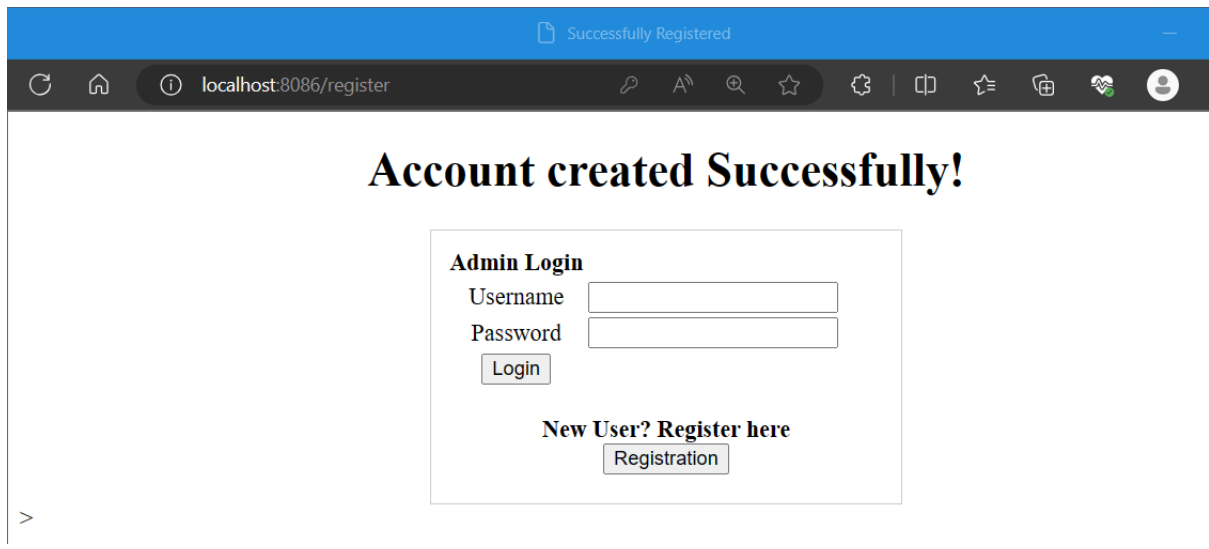
Admin Registration

Registration	
Username	<input type="text"/>
Email	<input type="text"/>
Password	<input type="password"/>
<input type="button" value="Register"/>	

2. Registering with unused username and email ID

Admin Registration

Registration	
Username	<input type="text" value="admin3"/>
Email	<input type="text" value="admin3@example.com"/>
Password	<input type="password" value="....."/>
<input type="button" value="Register"/>	



Login of Admin user

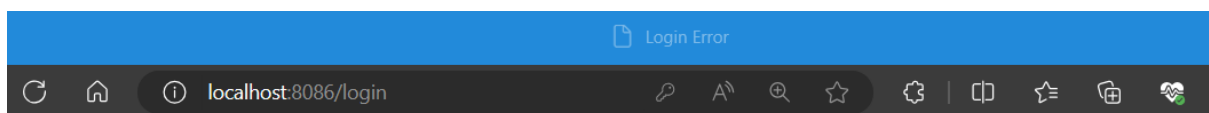
1. Using incorrect password

Admin Login

Username

Password

New User? Register here



Invalid Credentials!

Please Try Again

Admin Login

Username

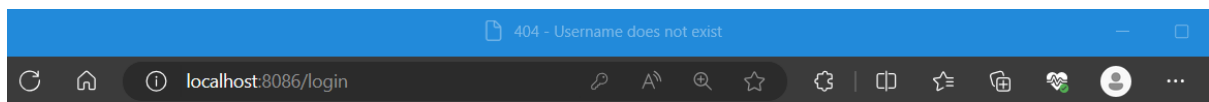
Password

New User? Register here

2. Using non-registered username

Admin Login
Username
Password

New User? Register here



Username does not exist!

Please Check the username

Admin Login
Username
Password

New User? Register here

3. Logging in with correct credentials

Admin Login
Username
Password

New User? Register here

Admin Dashboard

localhost:8086/login

[Citizens](#)
[Vaccination Centers](#)
[Logout](#)
Welcome, admin1

Welcome to Vaccination Center Application

Select any of the above options to perform operations

Operations

- Initially no Vaccination Center is present – Admin adds new Centers from the application

Vaccination Centers

localhost:8086/vaccinationcenter/

[Citizens](#)
[Vaccination Centers](#)
[Logout](#)
Welcome, admin1

Centers

Add New Center

ID	Name	City	Action
Total 0 Vaccination Centers found.			

- Adding a new Vaccination Center

Add New Center

localhost:8086/vaccinationcenter/add

[Citizens](#)
[Vaccination Centers](#)
[Logout](#)
Welcome, admin1

Add new Vaccination Center

Center Name	<input type="text" value="ABC Clinic"/>
Center City	<input type="text" value="Bengaluru"/>
<input type="button" value="Submit"/>	

Vaccination Centers

localhost:8086/vaccinationcenter/

[Citizens](#)
[Vaccination Centers](#)
[Logout](#)
Welcome, admin1

Centers

Add New Center

ID	Name	City	Action
1	ABC Clinic	Bengaluru	<div>View</div> <div>Edit</div> <div>Delete</div>

Total 1 Vaccination Centers found.

- Similarly, all the required centers are added.

Vaccination Centers

localhost:8086/vaccinationcenter/

[Citizens](#)
[Vaccination Centers](#)
[Logout](#)
Welcome, admin1

Centers

Add New Center

ID	Name	City	Action
1	ABC Clinic	Bengaluru	<div>View</div> <div>Edit</div> <div>Delete</div>
2	VK Hospital	Bengaluru	<div>View</div> <div>Edit</div> <div>Delete</div>
3	AB Health Care	Chennai	<div>View</div> <div>Edit</div> <div>Delete</div>
4	GK Care	Pune	<div>View</div> <div>Edit</div> <div>Delete</div>
5	YZ Ward	New Delhi	<div>View</div> <div>Edit</div> <div>Delete</div>
6	LS Health Care	Mumbai	<div>View</div> <div>Edit</div> <div>Delete</div>
7	New Gen Hospital	Mumbai	<div>View</div> <div>Edit</div> <div>Delete</div>
8	ABC Hospital	Hyderabad	<div>View</div> <div>Edit</div> <div>Delete</div>
9	WB Care	Kolkata	<div>View</div> <div>Edit</div> <div>Delete</div>
10	KMC	Chennai	<div>View</div> <div>Edit</div> <div>Delete</div>

Total 10 Vaccination Centers found.

- View Displays the details of the Vaccination Center

Vaccination Center			
Citizens	Vaccination Centers	Logout	Welcome, admin1

Center Information

ABC Clinic	
ID	1
City	Bengaluru

All Citizens of this center

ID	Name	Action
----	------	--------

Initially no citizens are added, so the admin adds the citizens before performing further operations

- Clicking on Citizens

Citizens			
Citizens	Vaccination Centers	Logout	Welcome, admin1

Citizens

						Add New Citizen
ID	Name	City	No. Of Doses	Vaccination Status	Vaccination Center	Action
Total 0 citizens found.						

- Adding a new Citizen

Add New Citizen			
Citizens	Vaccination Centers	Logout	Welcome, admin1

Add New Citizen

Citizen Name	<input type="text"/>
No. of Doses	<input type="text" value="0"/>
City Name	<input type="text" value="Bengaluru"/>
Center Name	<input type="text"/>
<input type="button" value="Submit"/>	

Citizen name, number of doses and City Name are entered first.

Citizens	Vaccination Centers	Logout	Welcome, admin1
--------------------------	-------------------------------------	------------------------	------------------------

Add New Citizen

Citizen Name	<input style="width: 90%;" type="text" value="Citizen 1"/>
No. of Doses	<input style="width: 50%;" type="text" value="1"/>
City Name	<input style="width: 90%;" type="text" value="Bengaluru"/>
Center Name	<input style="width: 90%;" type="text" value="Mumbai"/>
<input style="width: 150px;" type="button" value="Submit"/>	

Then, the centers present in the selected city are displayed to select.

Citizens	Vaccination Centers	Logout	Welcome, admin1
--------------------------	-------------------------------------	------------------------	------------------------

Add New Citizen

Citizen Name	<input type="text" value="Citizen 1"/>
No. of Doses	<input type="text" value="1"/>
City Name	<input type="text" value="Mumbai"/>
Center Name	<input type="text" value="LS Health Care"/> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> LS Health Care New Gen Hospital </div>
<input type="button" value="Submit"/>	

Go Back, if you wish to change city

The screenshot shows a web browser window with the address bar displaying 'localhost:3086/citizens/'. The page content consists of four links arranged horizontally: 'Citizens', 'Vaccination Centers', 'Logout', and 'Welcome, admin1'.

Citizens

<div>Add New Citizen</div>						
ID	Name	City	No. Of Doses	Vaccination Status	Vaccination Center	Action
1	Citizen 1	Mumbai	1	Partially Vaccinated	New Gen Hospital	<div>ViewEditDelete</div>
Total 1 citizens found.						

- Similarly, other citizens are added.

Citizens			
Citizens	Vaccination Centers	Logout	Welcome, admin1

Citizens

Add New Citizen						
ID	Name	City	No. Of Doses	Vaccination Status	Vaccination Center	Action
1	Citizen 1	Mumbai	1	Partially Vaccinated	New Gen Hospital	View Edit Delete
2	Citizen 2	Chennai	0	Not Vaccinated	KMC	View Edit Delete
3	Jane Doe	Chennai	1	Partially Vaccinated	AB Health Care	View Edit Delete
4	John Smith	Pune	1	Partially Vaccinated	GK Care	View Edit Delete
5	Rajesh Sharma	Hyderabad	2	Fully Vaccinated	ABC Hospital	View Edit Delete
6	Kevin P	Kolkata	1	Partially Vaccinated	WB Care	View Edit Delete
7	KS Singh	New Delhi	2	Fully Vaccinated	YZ Ward	View Edit Delete
8	Krish K	Pune	0	Not Vaccinated	GK Care	View Edit Delete
9	Jane Smith	Mumbai	1	Partially Vaccinated	LS Health Care	View Edit Delete
10	Ashok A	Chennai	2	Fully Vaccinated	KMC	View Edit Delete
11	Abdul H	Bengaluru	1	Partially Vaccinated	ABC Clinic	View Edit Delete
12	K Khan	Bengaluru	2	Fully Vaccinated	VK Hospital	View Edit Delete
Total 12 citizens found.						

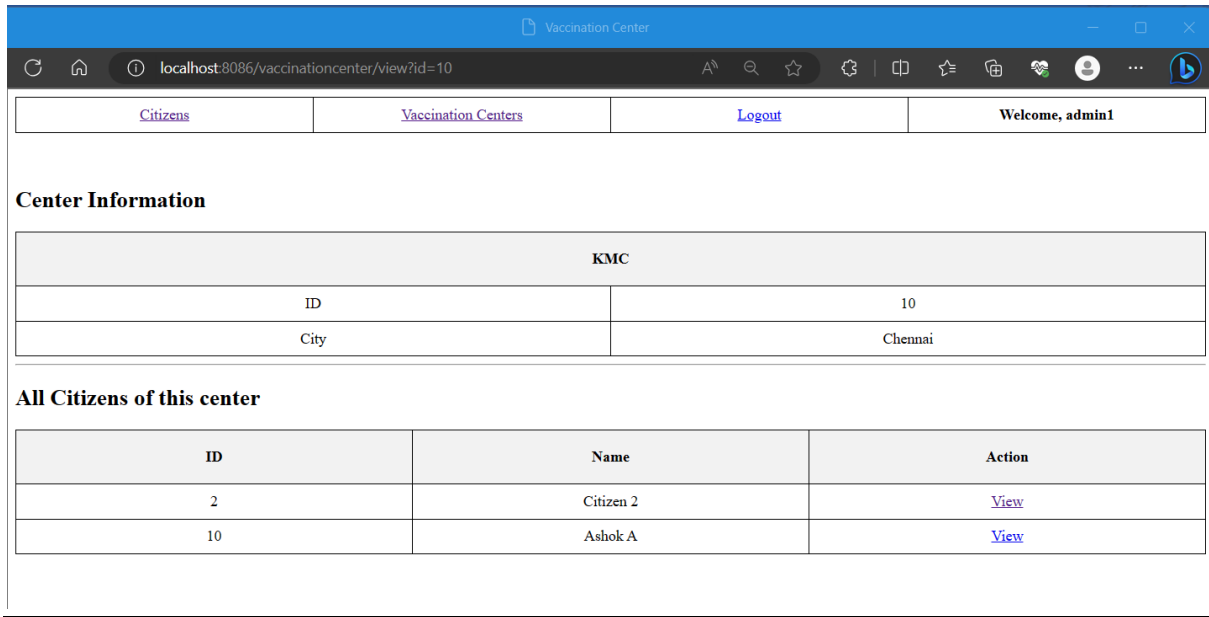
- Clicking on view option of a Citizen

Citizen			
Citizens	Vaccination Centers	Logout	Welcome, admin1

Citizen Information

Citizen 2	
ID	2
City	Chennai
Number of Vaccines	0
Vaccination Status	Not Vaccinated
Allocated Vaccination Center	KMC

- Clicking on the hyperlink of Center name to get the center details

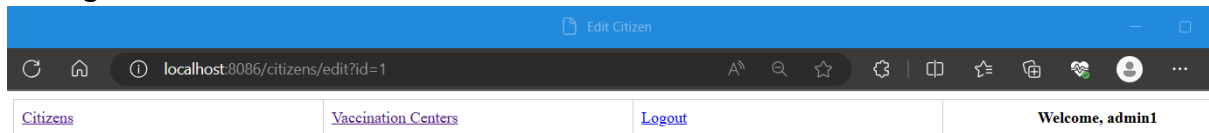


The screenshot shows a web browser window with the URL `localhost:8086/vaccinationcenter/view?id=10`. The page has a navigation bar with links for [Citizens](#), [Vaccination Centers](#), [Logout](#), and a welcome message "Welcome, admin1". The main content area is titled "Center Information" and displays details for the "KMC" center. Below this, a table lists "All Citizens of this center".

Center Information	
ID	10
City	Chennai

All Citizens of this center		
ID	Name	Action
2	Citizen 2	View
10	Ashok A	View

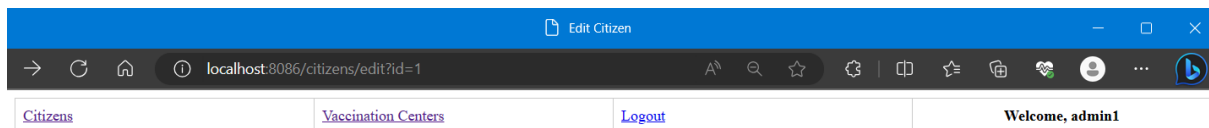
- Editing a citizen's information



The screenshot shows a web browser window with the URL `localhost:8086/citizens/edit?id=1`. The page has a navigation bar with links for [Citizens](#), [Vaccination Centers](#), [Logout](#), and a welcome message "Welcome, admin1".

Citizen Information

Edit Citizen	
Citizen Name	<input type="text" value="Citizen 1"/>
Citizen City	<input type="text" value="Mumbai"/>
No. of Doses	<input type="text" value="1"/>
Vaccination Center	<input type="text" value="New Gen Hospital"/>
<input type="button" value="Submit"/>	



The screenshot shows the same "Edit Citizen" page, but with a dropdown menu open for the "Citizen City" field. The dropdown list shows the following options: Bengaluru, Chennai, Hyderabad, Kolkata, Mumbai, Pune, and New Delhi. The "Pune" option is currently selected.

Citizen Information

Edit Citizen	
Citizen Name	<input type="text" value="Gopal K"/>
Citizen City	<input type="text" value="Bengaluru"/>
No. of Doses	<input type="text" value="1"/>
Vaccination Center	<input type="text" value="New Gen Hospital"/>
<input type="button" value="Submit"/>	

Citizen Information

Edit Citizen

Citizen Name	<input type="text" value="Gopal K"/>
Citizen City	<input type="text" value="Pune"/>
No. of Doses	<input type="text" value="2"/>
Vaccination Center	<input type="text" value="GK Care"/>
<input type="button" value="Submit"/>	

Go Back, if you wish to change city

localhost:8086/citizens/

- Deleting a Citizen

Citizens

						<div>Add New Citizen</div>
ID	Name	City	No. Of Doses	Vaccination Status	Vaccination Center	Action
1	Gopal K	Pune	2	Fully Vaccinated	GK Care	<div><div>View</div><div>Edit</div><div>Delete</div></div>
2	Citizen 2	Chennai	0	Not Vaccinated	KMC	<div><div>View</div><div>Edit</div><div>Delete</div></div>
3	Jane Doe	Chennai	1	Partially Vaccinated	AB Health Care	<div><div>View</div><div>Edit</div><div>Delete</div></div>
4	John Smith	Pune	1	Partially Vaccinated	GK Care	<div><div>View</div><div>Edit</div><div>Delete</div></div>
5	Rajesh Sharma	Hyderabad	2	Fully Vaccinated	ABC Hospital	<div><div>View</div><div>Edit</div><div>Delete</div></div>
6	Kevin P	Kolkata	1	Partially Vaccinated	WB Care	<div><div>View</div><div>Edit</div><div>Delete</div></div>
7	KS Singh	New Delhi	2	Fully Vaccinated	YZ Ward	<div><div>View</div><div>Edit</div><div>Delete</div></div>
8	Krish K	Pune	0	Not Vaccinated	GK Care	<div><div>View</div><div>Edit</div><div>Delete</div></div>
9	Jane Smith	Mumbai	1	Partially Vaccinated	LS Health Care	<div><div>View</div><div>Edit</div><div>Delete</div></div>
10	Ashok A	Chennai	2	Fully Vaccinated	KMC	<div><div>View</div><div>Edit</div><div>Delete</div></div>
11	Abdul H	Bengaluru	1	Partially Vaccinated	ABC Clinic	<div><div>View</div><div>Edit</div><div>Delete</div></div>
12	K Khan	Bengaluru	2	Fully Vaccinated	VK Hospital	<div><div>View</div><div>Edit</div><div>Delete</div></div>
Total 12 citizens found						

localhost:8086/citizens/delete?id=9

Citizens	Vaccination Centers	Logout	Welcome, admin1
--------------------------	-------------------------------------	------------------------	-----------------

Citizens

Add New Citizen						
ID	Name	City	No. Of Doses	Vaccination Status	Vaccination Center	Action
1	Gopal K	Pune	2	Fully Vaccinated	GK Care	View Edit Delete
2	Citizen 2	Chennai	0	Not Vaccinated	KMC	View Edit Delete
3	Jane Doe	Chennai	1	Partially Vaccinated	AB Health Care	View Edit Delete
4	John Smith	Pune	1	Partially Vaccinated	GK Care	View Edit Delete
5	Rajesh Sharma	Hyderabad	2	Fully Vaccinated	ABC Hospital	View Edit Delete
6	Kevin P	Kolkata	1	Partially Vaccinated	WB Care	View Edit Delete
7	KS Singh	New Delhi	2	Fully Vaccinated	YZ Ward	View Edit Delete
8	Krish K	Pune	0	Not Vaccinated	GK Care	View Edit Delete
10	Ashok A	Chennai	2	Fully Vaccinated	KMC	View Edit Delete
11	Abdul H	Bengaluru	1	Partially Vaccinated	ABC Clinic	View Edit Delete
12	K Khan	Bengaluru	2	Fully Vaccinated	VK Hospital	View Edit Delete
Total 11 citizens found.						

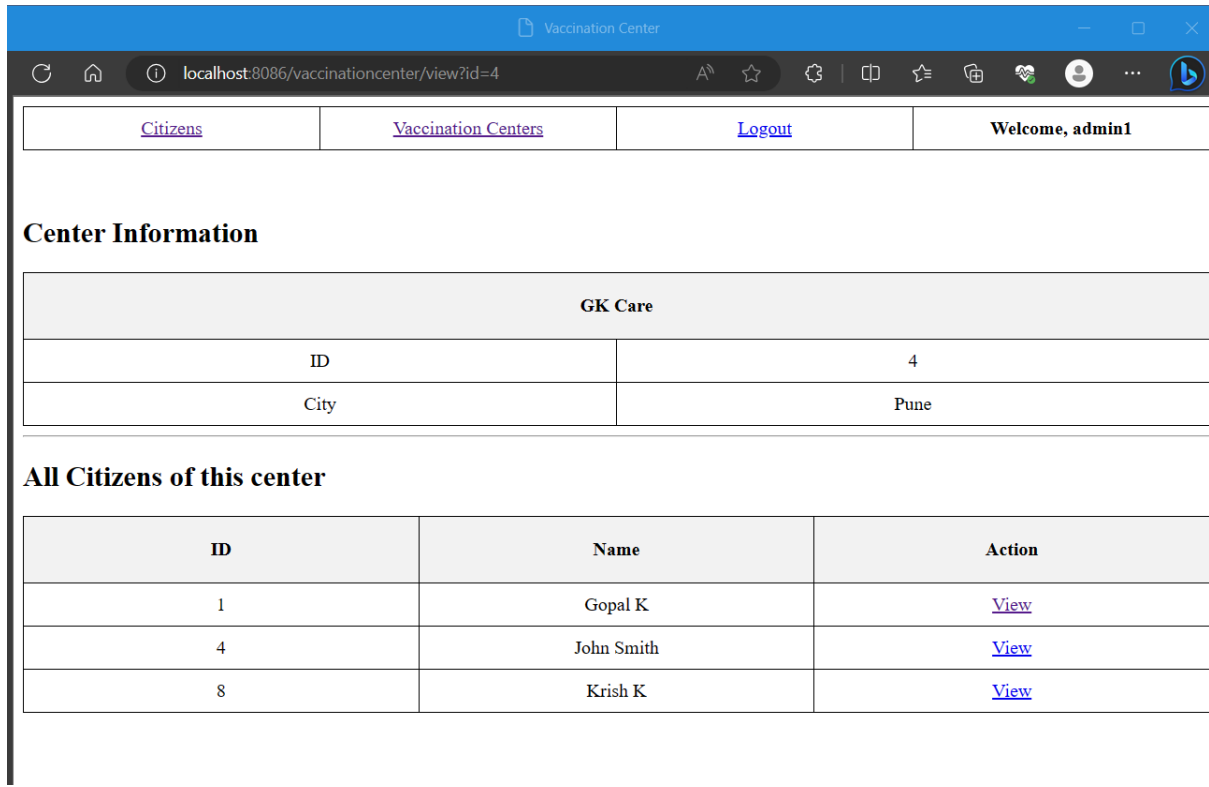
• Going back to vaccination centers

Citizens	Vaccination Centers	Logout	Welcome, admin1
--------------------------	-------------------------------------	------------------------	-----------------

Centers

Add New Center			
ID	Name	City	Action
1	ABC Clinic	Bengaluru	View Edit Delete
2	VK Hospital	Bengaluru	View Edit Delete
3	AB Health Care	Chennai	View Edit Delete
4	GK Care	Pune	View Edit Delete
5	YZ Ward	New Delhi	View Edit Delete
6	LS Health Care	Mumbai	View Edit Delete
7	New Gen Hospital	Mumbai	View Edit Delete
8	ABC Hospital	Hyderabad	View Edit Delete
9	WB Care	Kolkata	View Edit Delete
10	KMC	Chennai	View Edit Delete
Total 10 Vaccination Centers found.			

- Viewing a center with the added Citizen Details



[Citizens](#) [Vaccination Centers](#) [Logout](#) Welcome, admin1

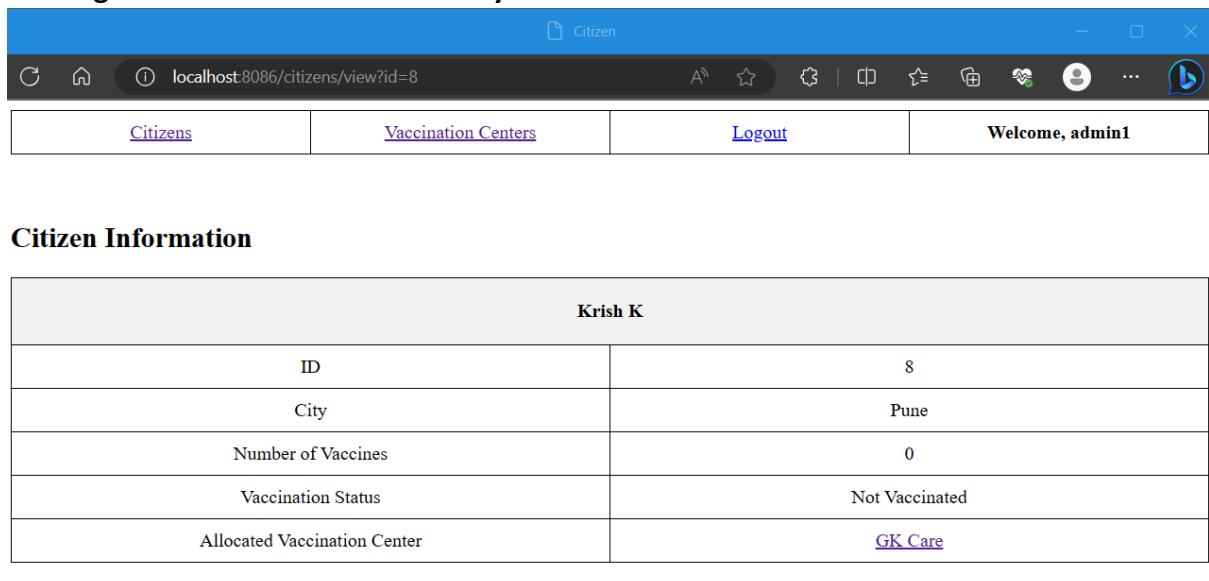
Center Information

GK Care	
ID	4
City	Pune

All Citizens of this center

ID	Name	Action
1	Gopal K	View
4	John Smith	View
8	Krish K	View

- Clicking on view in the citizens table yields all the details of that citizen



[Citizens](#) [Vaccination Centers](#) [Logout](#) Welcome, admin1

Citizen Information

Krish K	
ID	8
City	Pune
Number of Vaccines	0
Vaccination Status	Not Vaccinated
Allocated Vaccination Center	GK Care

- **Editing Center details**

Changing Name and City of the center



Changes are reflected on both Vaccination Centers and Citizens

Vaccination Centers			
localhost:8086/vaccinationcenter/			
Citizens	Vaccination Centers	Logout	Welcome, admin1

Centers

Add New Center			
ID	Name	City	Action
1	ABC Clinic	Bengaluru	View Edit Delete
2	VK Hospital	Bengaluru	View Edit Delete
3	AB Health Care	Chennai	View Edit Delete
4	GK Care	Pune	View Edit Delete
5	YZ Ward	New Delhi	View Edit Delete
6	LS Health Care	Mumbai	View Edit Delete
7	New Gen Hospital	Mumbai	View Edit Delete
8	ABC Hospital	Hyderabad	View Edit Delete
9	WB Care	Kolkata	View Edit Delete
10	Kauvery	Hyderabad	View Edit Delete
Total 10 Vaccination Centers found.			

Vaccination Center			
localhost:8086/vaccinationcenter/view?id=10			
Citizens	Vaccination Centers	Logout	Welcome, admin1

Center Information

Kauvery	
ID	10
City	Hyderabad

All Citizens of this center

ID	Name	Action
2	Citizen 2	View
10	Ashok A	View

Citizens	Vaccination Centers	Logout	Welcome, admin1
--------------------------	-------------------------------------	------------------------	-----------------

Citizens

Add New Citizen						
ID	Name	City	No. Of Doses	Vaccination Status	Vaccination Center	Action
1	Gopal K	Pune	2	Fully Vaccinated	GK Care	View Edit Delete
2	Citizen 2	Hyderabad	0	Not Vaccinated	Kauvery	View Edit Delete
3	Jane Doe	Chennai	1	Partially Vaccinated	AB Health Care	View Edit Delete
4	John Smith	Pune	1	Partially Vaccinated	GK Care	View Edit Delete
5	Rajesh Sharma	Hyderabad	2	Fully Vaccinated	ABC Hospital	View Edit Delete
6	Kevin P	Kolkata	1	Partially Vaccinated	WB Care	View Edit Delete
7	KS Singh	New Delhi	2	Fully Vaccinated	YZ Ward	View Edit Delete
8	Krish K	Pune	0	Not Vaccinated	GK Care	View Edit Delete
10	Ashok A	Hyderabad	2	Fully Vaccinated	Kauvery	View Edit Delete
11	Abdul H	Bengaluru	1	Partially Vaccinated	ABC Clinic	View Edit Delete
12	K Khan	Bengaluru	2	Fully Vaccinated	VK Hospital	View Edit Delete
Total 11 citizens found.						

- Deleting a vaccination Center (including the details of the citizens in that center)

Citizens	Vaccination Centers	Logout	Welcome, admin1
--------------------------	-------------------------------------	------------------------	-----------------

Centers

Add New Center			
ID	Name	City	Action
1	ABC Clinic	Bengaluru	View Edit Delete
2	VK Hospital	Bengaluru	View Edit Delete
3	AB Health Care	Chennai	View Edit Delete
4	GK Care	Pune	View Edit Delete
5	YZ Ward	New Delhi	View Edit Delete
6	LS Health Care	Mumbai	View Edit Delete
7	New Gen Hospital	Mumbai	View Edit Delete
8	ABC Hospital	Hyderabad	View Edit Delete
9	WB Care	Kolkata	View Edit Delete
10	Kauvery	Hyderabad	View Edit Delete
Total 10 Vaccination Centers found.			

[localhost:8086/vaccinationcenter/delete?id=4](#)

Changes are reflected on both Vaccination Centers and Citizens

A screenshot of a web browser window. The address bar shows the URL 'localhost:8086/vaccinationcenter/'. The page content consists of four items: 'Citizens', 'Vaccination Centers', 'Logout', and 'Welcome, admin1'. The first three items are underlined, suggesting they are links. The browser's title bar shows 'Vaccination Centers'.

Centers

<div>Add New Center</div>			
ID	Name	City	Action
1	ABC Clinic	Bengaluru	<div><div>View</div><div>Edit</div><div>Delete</div></div>
2	VK Hospital	Bengaluru	<div><div>View</div><div>Edit</div><div>Delete</div></div>
3	AB Health Care	Chennai	<div><div>View</div><div>Edit</div><div>Delete</div></div>
5	YZ Ward	New Delhi	<div><div>View</div><div>Edit</div><div>Delete</div></div>
6	LS Health Care	Mumbai	<div><div>View</div><div>Edit</div><div>Delete</div></div>
7	New Gen Hospital	Mumbai	<div><div>View</div><div>Edit</div><div>Delete</div></div>
8	ABC Hospital	Hyderabad	<div><div>View</div><div>Edit</div><div>Delete</div></div>
9	WB Care	Kolkata	<div><div>View</div><div>Edit</div><div>Delete</div></div>
10	Kauvery	Hyderabad	<div><div>View</div><div>Edit</div><div>Delete</div></div>
Total 9 Vaccination Centers found.			

Citizens

<div>Add New Citizen</div>						
ID	Name	City	No. Of Doses	Vaccination Status	Vaccination Center	Action
2	Citizen 2	Hyderabad	0	Not Vaccinated	Kauvery	<button>View</button> <button>Edit</button> <button>Delete</button>
3	Jane Doe	Chennai	1	Partially Vaccinated	AB Health Care	<button>View</button> <button>Edit</button> <button>Delete</button>
5	Rajesh Sharma	Hyderabad	2	Fully Vaccinated	ABC Hospital	<button>View</button> <button>Edit</button> <button>Delete</button>
6	Kevin P	Kolkata	1	Partially Vaccinated	WB Care	<button>View</button> <button>Edit</button> <button>Delete</button>
7	KS Singh	New Delhi	2	Fully Vaccinated	YZ Ward	<button>View</button> <button>Edit</button> <button>Delete</button>
10	Ashok A	Hyderabad	2	Fully Vaccinated	Kauvery	<button>View</button> <button>Edit</button> <button>Delete</button>
11	Abdul H	Bengaluru	1	Partially Vaccinated	ABC Clinic	<button>View</button> <button>Edit</button> <button>Delete</button>
12	K Khan	Bengaluru	2	Fully Vaccinated	VK Hospital	<button>View</button> <button>Edit</button> <button>Delete</button>
Total 8 citizens found.						

Logging out of the Application

localhost:8086/citizens/

[Citizens](#) [Vaccination Centers](#) [Logout](#) Welcome, admin1

Citizens

[Add New Citizen](#)

ID	Name	City	No. Of Doses	Vaccination Status	Vaccination Center	Action
2	Citizen 2	Hyderabad	0	Not Vaccinated	Kauvery	View Edit Delete
3	Jane Doe	Chennai	1	Partially Vaccinated	AB Health Care	View Edit Delete

localhost:8086/pages/logout.jsp

[Home](#)

Logged out successfully!

Admin Login

Username

Password

[Login](#)

New User? Register here

[Registration](#)

- Session is invalidated on logging out and going back to previous page after logging out is prevented and it leads to home page.

Click to go back (Alt+Left arrow), hold to see history

[Home](#)

Logged out successfully!

Admin Login

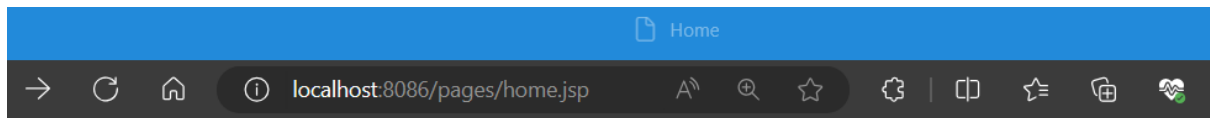
Username

Password

[Login](#)

New User? Register here

[Registration](#)



Admin Login

Username

Password

Login

New User? Register here

Registration

