

Contact Details Management System

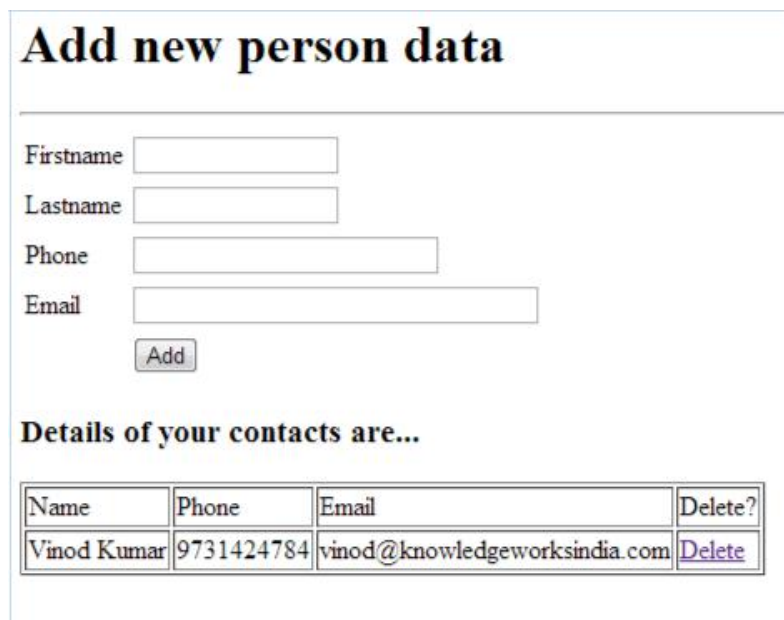
Create a dynamic web application that allows the user to store multiple contact details in a database table. The application also lists all the contact details and allows the user to delete individual contact details.

When the application is run for the first time, since the table does not have any data, the following form is shown, using which, the user can add a contact details of a person.



The screenshot shows a web form titled "Add new person data". It contains four input fields: "Firstname", "Lastname", "Phone", and "Email". Below the "Email" field is an "Add" button.

Once the user fills some details and clicks the "Add" button, the data is stored in the database table. Also, the data added to the database table is retrieved and shown below the form (ref picture below).



The screenshot shows the same "Add new person data" form as before. Below the form, there is a section titled "Details of your contacts are..." which contains a table with the following data:

Name	Phone	Email	Delete?
Vinod Kumar	9731424784	vinod@knowledgeworksindia.com	Delete

Note that the "Name" column shows the concatenated firstname and lastname.

After adding few details, the page looks like this:

Add new person data

Firstname

Lastname

Phone

Email

Details of your contacts are...

Name	Phone	Email	Delete?
Vinod Kumar	9731424784	vinod@knowledgeworksindia.com	Delete
Ravi Kumar	080-26668765	ravi9988@gmail.com	Delete
Sudhir Naik	9449722476	sudhir@knowledgeworksindia.com	Delete
Ross Scott	533-555-2233	ross.scott@mailinator.com	Delete

On clicking the “Delete” hyperlink, the corresponding record should be deleted from the database table. For example, clicking the “Delete” link for “Ravi Kumar”, would result in the following page:

Add new person data

Firstname

Lastname

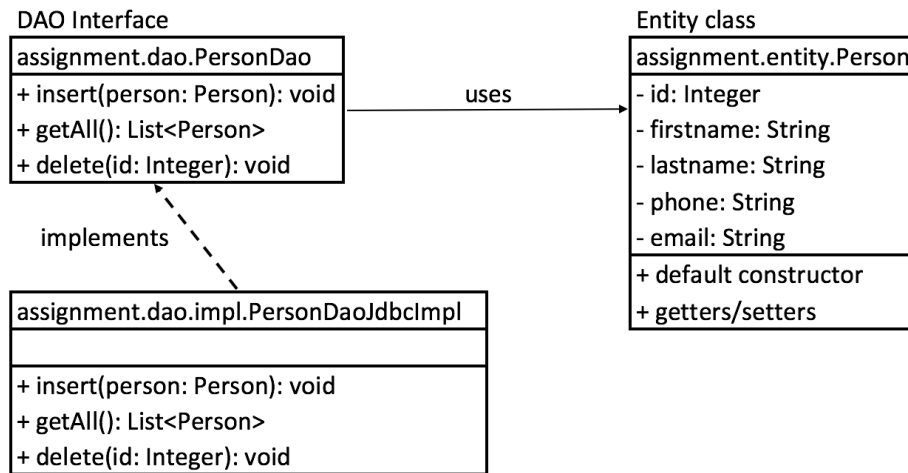
Phone

Email

Details of your contacts are...

Name	Phone	Email	Delete?
Vinod Kumar	9731424784	vinod@knowledgeworksindia.com	Delete
Sudhir Naik	9449722476	sudhir@knowledgeworksindia.com	Delete
Ross Scott	533-555-2233	ross.scott@mailinator.com	Delete

You must use the following classes for the implementation of the above logic:



Hint:

1. Keep an object of the DAO implementation in the user's session, so that the data is preserved for each user, in his/her session scope.
2. Other files you may have to create are:
 - a. index.jsp (for the form)
 - b. showPersons.jsp (includes the index.jsp and displays all the persons)
 - c. com.unisys.web.FrontController (servlet to handle requests)

Mandatory:

1. DO NOT USE JAVA IN JSP (USE EL/JSTL)
2. DO NOT PRODUCE HTML CONTENT FROM SERVLET (MUST ADHERE TO MVC)