

## E5\_WCD

### Question 1:

With the support of **any Database**, create a table named as **TblEmployee** to store information of employee with below fields:

Name	Type
EmployeeNo	Varchar(20), <b>primary key</b>
EmployeeName	Varchar(30)
PlaceOfWork	Varchar(30)
PhoneNo	Varchar(10)

Develop a **JSP/Servlet** web application to do the **Adding, Deleting, Getting All** employee. You should create each JSP page for each operation.

The web application must meet the below requirements:

a)Employee list form: used to show all employees.

### Employee information

Employee No	Name	Place Of Work	Phone No	Delete
E0101	Nguyen Van Hai	Hai Duong	098745410	<a href="#">E0101</a>
E0102	Nguyen Van Ha	Ha Nam	09874532	<a href="#">E0102</a>

[Add New](#)

b) Delete employee by the selected employee number(no).

c)Add New employee: you must validate all textbox as required. If all data inputted, you must validate the existing employee. It means you should check whether employee existed or not. If it is existed, please display a message, otherwise, add employee information into database and back to the employee list page

Employee No	<input type="text"/>
Name	<input type="text"/>
Place Of Work	<input type="text"/>
Phone No	<input type="text"/>
<input type="button" value="Submit Query"/>	<input type="button" value="Reset"/>

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Employee No	<input type="text"/>	You must input employee number
Name	<input type="text"/>	You must input employee name
Place Of Work	<input type="text"/>	You must input place of work
Phone No	<input type="text"/>	You must input phone no
<input type="button" value="Submit Query"/>		<input type="button" value="Reset"/>

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**This employee is existed, please try other!!**

Employee No	<input type="text" value="E0101"/>
Name	<input type="text" value="Vu Tien Trung"/>
Place Of Work	<input type="text" value="Ha Tinh"/>
Phone No	<input type="text" value="098765434"/>
<input type="button" value="Submit Query"/>	
<input type="button" value="Reset"/>	

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## Question 2:

Given a JSP page:

### Student registration form:

Name	<input type="text"/>
Address	<input type="text"/>
Phone No	<input type="text"/>
Class Name	<input type="text"/>
<input type="button" value="Submit Query"/>	

Using **JSP/Servlet** to develop a program with the below requirement:

When user clicks the button, all information of student are stored and displayed on the other page. It means that you must store student information in **cookie**, and then display them in the **other** page. You must validate all textbox as required. If any of them is not inputted, please display a message on the right of corresponding textbox.

- I. Create an Web application using Servlet/JSP as following:
1. Use provided script to create database
  2. **[4points]** Create a login form as following; user has to enter username/password to login.  
If username/password are correct (verify in table Users ), then redirect to homepage.  
Otherwise, an error message should be displayed “Please enter correct username and password to login”.

## Login

Username

Password

3. **[1 point]** In the other pages, if user did not log in, redirect to login page.
4. **[2 points]** Create a homepage with links as below:
  - a. **List all books:** go to List all book screen.
  - b. **Insert new book:** go to insert book screen.
  - c. **Log out:** clear session, redirect to login form.

## Welcome

- [List all books](#)
- [Insert books](#)
- [Log out](#)

5. Create “List all book” screen as below and allows user to do:
  - a. **[4 points]** **List all book:** display all book as below

## List all book

Book Id	Title	Category	Price	Delete
1	Mãi mãi tuổi hai mươi	Nhật Ký	120000	<a href="#">Delete</a>
2	Còn ai hát về Hà Nội	Tản văn	47000	<a href="#">Delete</a>
3	Xách Ba lô lên và đi	Du lịch	50000	<a href="#">Delete</a>

- b. **[1 point] Delete book:** delete the selected book. Remember to ask user to before deleting “Do you really want to delete this book?”

6. Create “**Insert new book**” screen as below, allows user to insert a new book to table Books.

## Insert new Book

Title	<input type="text"/>
Category	<input type="text" value="Du Lịch"/>
Price	<input type="text"/>
<input type="button" value="Insert"/>	

- \* All fields are required and price must be a number.
- \* Category must be loaded from Database.

- II. [4 points] Create a page as following, using JSTL Format and Servlet/JSP to allows user to change language:

- a. When user select “English”:

[English](#) | [Tiếng Việt](#)

**Hello and thank you!**

- b. When user select “Tiếng Việt”:

[English](#) | [Tiếng Việt](#)

**Xin Chào và cảm ơn!**