

CSM3023 WEB BASED APPLICATION DEVELOPMENT (K1)

BACHELOR OF COMPUTER SCIENCE (MOBILE COMPUTING) WITH HONORS

SEMESTER 2 2023/2024

LAB 7 – JSP: Perform Create, Update, Retrieve and Delete (CRUD)

Prepared by:

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Task 1: Coding: User.java

```
public class User {
    private String ifretName;

private String firstName;

private String firstName;

private String firstName;

public String getUserid() {
    return userid;
}

public void setUserid(string userid) {
    this.userid = userid;
}

public string getFirstName() {
    return firstName;
}

public void setFirstName(String firstName) {
    this.firstName = firstName;
}

public void setFirstName() {
    return lastName;
}

public void setLastName(String lastName) {
    return lastName;
}

public void setLastName(String lastName) {
    this.lastName = lastName;
}
```

DBConnection.java

```
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```

UserDao.java

```
preparedStatement.executeUpdate();
}catch(SQLException e) {
   e.printStackTrace();
plic List<User> getAllUsers(){
List<User> users = new ArrayList<User>();
```

UserController.java

index.jsp

```
<title>Sample Perform CRUD Using Java Servlet</title>
        <h1>Sample Perform CRUD Using Java Servlet!</h1>
       <jsp:forward page="/UserController?action=listUser" />
   </body>
</html>
```

listUser.jsp

user.jsp

editUser.jsp

```
(Name content)Type='text/tual' pagefacoding='TIT-0-%)
(Name to the page to the page
```

Output:

New Record

User ID: 1005

First Name: Imran

Last Name: Al Franco

Submit Cancel

User Lists

User Id	First Name	Last Name	Action	
1001	Aisyrul	Amri	<u>Update</u>	<u>Delete</u>
1002	Boxue	Chiang	<u>Update</u>	<u>Delete</u>
1003	Jennifer	Lawrence	<u>Update</u>	<u>Delete</u>
1004	Alexander	Bohemian	<u>Update</u>	<u>Delete</u>
1005	Imran	Al Franco	<u>Update</u>	<u>Delete</u>

Add User

Updating User Profile

User ID: 1005

First Name : Imran

Last Name : Al Attas

Submit

User Lists

User Id	First Name	Last Name	Action	
1001	Aisyrul	Amri	<u>Update</u>	<u>Delete</u>
1002	Boxue	Chiang	<u>Update</u>	<u>Delete</u>
1003	Jennifer	Lawrence	<u>Update</u>	<u>Delete</u>
1004	Alexander	Bohemian	<u>Update</u>	<u>Delete</u>
1005	Imran	Al Attas	<u>Update</u>	<u>Delete</u>

Add User

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1004	Alexander	Bohemian	<u>Update</u>	<u>Delete</u>

Add User

Exercise

Q1:profile.jsp

profileServlet.java

```
Description of the content of the co
```

Output:

New Record

Username : feedByte

IC Number : 921102-11-9973

First Name : Firdaus Zayani

Register Cancel

Profile registered successfully!

	username	icno	firstname
•	feedByte	921102-11-9973	Firdaus Zayani
	muke//99	030113-12-0864	Mukmin Akid
	zigmunk	031121-01-0865	Haziq
	ziqmunk34	031121-01-0864	Haziq Kamil
	HULL	HULL	HULL

Q2:

```
<h1>Confirm Registration</h1>
```

Output:

Student Registration

Student ID: S63874		
Name:	Ackermann	
Submi	1	

Confirm Registration

Student ID: S63874

Name: Ackermann

Proceed

Registration Notification

Registration successful for Student ID: S63874 and Name: Ackermann