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**MATRIC NO:**

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**LAB:**

2

**SUBJECT NAME:**

CSE3023-WEB BASED APPLICATION

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# TASK 1

Sign in

New tab

Lab manual web week2.pdf

Login Page

localhost8080/Lab2/login.html

welcome to CSE3023

Please insert your username and password

Username: Ahmad

Password: 4567

Login Reset

Sign in

New tab

Lab manual web week2.pdf

Servlet AccountServlet

localhost:8080/Lab2/LoginServlet

Account status for: Ahmad

31/01/2019: 100.00

28/02/2019: 5000.00

## REFLECTION

- 1.What I have learn from this exercise is using servlet to request forwarding and data sharing .
- 2.common method used in java servlet for this exercise is init().

# Task 2

Server: 127.0.0.1 » Database: cse3023 » Table: users

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 1 (2 total, Query took 0.0010 seconds.)

SELECT \* FROM `users`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	id	username	password	roles
<input type="checkbox"/>	1	Ali	1234	admin
<input type="checkbox"/>	2	Ahmad	4567	user

Check all | With selected: Edit Copy Delete Export

Server: 127.0.0.1 » Database: cse3023 » Table: users

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	username	varchar(100)	utf8mb4_0900_ai_ci		No	None			Change Drop More
3	password	varchar(225)	utf8mb4_0900_ai_ci		No	None			Change Drop More
4	roles	varchar(10)	utf8mb4_0900_ai_ci		No	None			Change Drop More

## Task 4

Index.html file

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>User Management</title>
5 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
6 </head>
7 <body>
8 <h1>Add New User</h1>
9 <form action="SaveServlet" method="post">
10 <table>
11 <tr><td>Username:</td><td><input type="text" name="name"/></td></tr>
12 <tr><td>Password:</td><td><input type="password" name="password"/></td></tr>
13 <tr><td>Role:</td><td>
14 <select name="role" style="width:150px">
15 <option>admin</option>
16 <option>user</option>
17 </select>
18 </td></tr>
19 <tr><td colspan="2"><input type="submit" value="Save User"/></td></tr>
20 </table>
21 </form>
22 <br><!-- comment -->
23 <a href="ViewServlet">view users</a>
24 </body>
25 </html>

```

User.java file

output

Sign in

localhost:8080/CRU...

## Add New User

Username:

Password:

Role:

[view users](#)

### REFLECTION

1. Java library that need to import before code the web application is JDBC
2. web.xml kept in WEB-INF\directory.in the box below is example of web.xml contents

```
<servlet>
    <servlet-name>SaveServlet</servlet-name>
    <servlet-class>com.WEB.SaveServlet</servlet-class>
</servlet>
<servlet-mapping>
    <servlet-name>SaveServlet</servlet-name>
    <url-pattern>/SaveServlet</url-pattern>
</servlet-mapping>
<session-config>
    <session-timeout>
        30
    </session-timeout>
</session-config>
```

For <servlet-name> use to declare name of the servlet

<servlet-class>

<servlet-mapping> involve the url

3.DAO is to separate data persistence logic in a separate layer.DAO decentralized decision making