index.jsp

```jsp
<%@ page language="java" contentType="text/html;
        charset=ISO-8859-1" pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
    <title>Bank Login</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
      crossorigin="anonymous">
    <script
      src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
      integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/
      tWtIaxVXM" crossorigin="anonymous"></script>
    <script
            src="https://code.jquery.com/jquery-3.7.1.js"
            integrity="sha256-eKhayi8LEQwp4NKxN+CfCh+3qOVUtJn3QNZ0TciWLP4="
            crossorigin="anonymous"></script>
</head>
<body>
<div class="container">
    <form id="loginForm" class="my-3" action="Transcations.jsp">
        <div class="mb-3">
            <label for="username" class="form-label">Username</label>
            <input type="text" class="form-control" id="username" name="username">
        </div>
        <div class="mb-3">
            <label for="password" class="form-label">Password</label>
            <input type="password" class="form-control" id="password" name="password">
        </div>
        <button type="submit" class="btn btn-primary">Login</button>
    </form>
</div>

<div class="position-fixed bottom-0 end-0 p-3" style="z-index: 11">
    <div id="liveToast" class="toast" role="alert" aria-live="assertive" aria-
        atomic="true">
        <div class="toast-header">
            <span class="badge bg-primary">New</span>
            <strong class="me-auto mx-2">Bank Login Toast</strong>
            <small>Now</small>
            <button type="button" class="btn-close" data-bs-dismiss="toast" aria-
                    label="Close"></button>
        </div>
        <div class="toast-body">
            Hello ! You are logged In Successfully
        </div>
    </div>
</div>
```
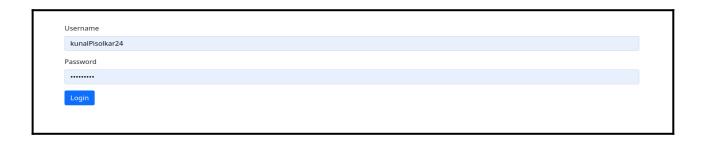
```
<script>
    $(document).ready(function() {
        $('#loginForm').on('submit', function(e) {
            e.preventDefault(); // Prevent the form from submitting immediately
            var username = $('#username').val();
            var password = $('#password').val();
            if(username == 'kunalPisolkar24' && password == 'Kunal@123') {
                $('.toast').toast('show'); // Show the toast
                setTimeout(function() {
                    $('#loginForm').unbind('submit').submit();
                        // Submit the form after 5 seconds
                }, 5000);
            }
        });
    });

</script>
</body>
</html>
```

Transcations.jsp

```
<%@ page contentType="text/html;charset=UTF-8" language="java" %>
<html>
<head>
    <title>Transcations Page</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
    <script src="https://code.jquery.com/jquery-3.7.1.js" integrity="sha256-
eKhayi8LEQwp4NKxN+CfCh+3qOVUtJn3QNZ0TciWLP4=" crossorigin="anonymous"></script>
</head>
<body>
<div class="container my-4">
    <form method="get" action="middle-ware">
        <div class="form-group">
            <label for="amount">Amount:</label>
            <input type="number" class="form-control" id="amount" name="amount">
        </div>
        <div class="form-group my-4">
            <label for="operation">Operation:</label>
            <select class="form-control my-4" id="operation" name="operation">
                <option value="deposit">Deposit</option>
                <option value="withdraw">Withdraw</option>
            </select>
        </div>
        <button type="submit" class="btn btn-primary my-3">Submit</button>
    </form>
</div>
</body>
</html>
```
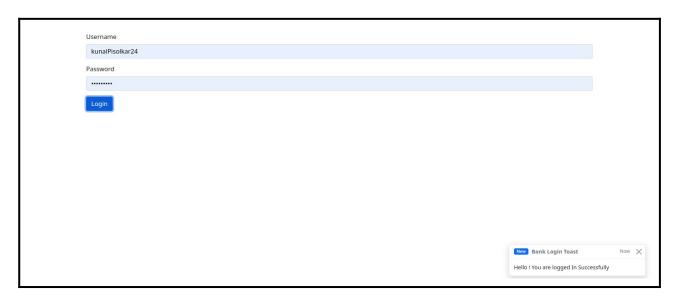
```
web.xml

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns="https://jakarta.ee/xml/ns/jakartaee"
         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
         xsi:schemaLocation="https://jakarta.ee/xml/ns/jakartaee
https://jakarta.ee/xml/ns/jakartaee/web-app_5_0.xsd"
         version="5.0">
</web-app>


MiddleWare.java

package com.example.demo2;
import java.io.*;
import jakarta.ejb.EJB;
import jakarta.servlet.http.*;
import jakarta.servlet.annotation.*;

@WebServlet(name = "middleWare", value = "/middle-ware")
public class MiddleWare extends HttpServlet {
    private String message;
    @EJB
    Bank b;
    public void init() {
        message = "Hello World!";
    }

    public void doGet(HttpServletRequest request, HttpServletResponse response) throws
        IOException {
        response.setContentType("text/html");
        int amnt = Integer.parseInt(request.getParameter("amount"));
        String operation = (String) request.getParameter("operation"), alertType;

        if(operation.equals("deposit")) {
            int totalAmount = b.getAmount() + amnt;
            b.setAmount( totalAmount);
            message = "Deposit performed Successfully";
            alertType = "success";
        }else {
            boolean f = b.widthDraw(amnt);
            if(f) {
                alertType = "success";
                message = "Withdrawal performed Successfully";
            }
            else{
                alertType = "danger";
                message = "Withdrawal Failed ! Not enough funds";
            }
        }

        String op = "<html> <head> <title>Summary Page</title> <link
            href=\"https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css\"
            rel=\"stylesheet\"integrity=\"sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTw
            Fspd3yD65VohhpuuCOmLASjC\" crossorigin=\"anonymous\"> <script
            src=\"https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap
            .bundle.min.js\" integrity=\"sha384MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuN
            SfAP+JcXn/tWtIaxVXM\" crossorigin=\"anonymous\"></script> </head> <body> <div
            class=\"container my-5\"> <h1 class=\"display-3\"> Funds Remaining: " +
            b.getAmount() + " </h1> <div class=\"alert alert-" + alertType + "\"
            role=\"alert\">" + message + "</div> </div> </body> </html>";
```

```java
            response.getWriter().print(op);
    }

    public void destroy() {}
}
```

Bank.java

```java
package com.example.demo2;
import jakarta.ejb.Local;
import jakarta.ejb.LocalBean;
import jakarta.ejb.Stateless;

@Stateless
@LocalBean
public class Bank {
    private int Amount = 1000;

    public int getAmount() {
        return Amount;
    }

    public void setAmount(int amount) {
        Amount = amount;
    }

    public boolean widthDraw(int amount) {
        if(amount > Amount) return false;
        Amount -= amount;
        return true;
    }
}
```
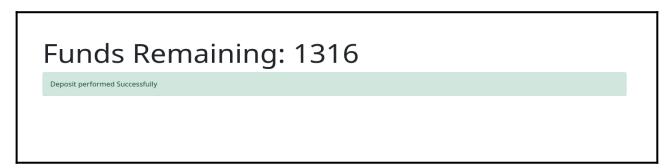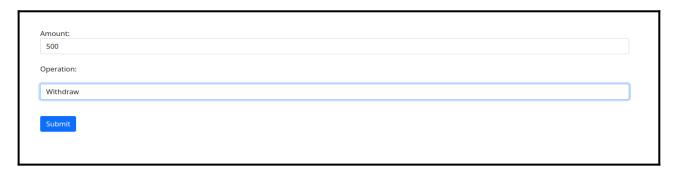
login Form

Successful Login Toast
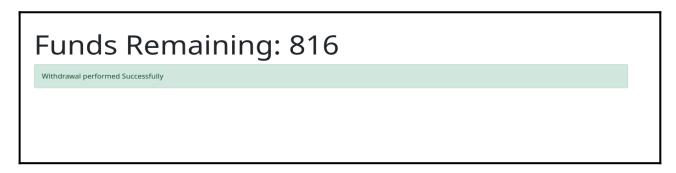
Username

kunalPisolkar24

Password

••••••••

Login

New **Bank Login Toast**   Now ✕

Hello ! You are logged In Successfully

Transcations page

Amount:

500

Operation:

Deposit

Submit

Deposit Completed

Funds Remaining: 1316

Deposit performed Successfully

Performing Withdrawal

Amount:

500

Operation:

Withdraw

Submit

Witdrawal Successful

Funds Remaining: 816

Withdrawal performed Successfully

Failing a withdrawal Request

Amount:

50000

Operation:

Withdraw

Submit

Failed withdrawal output

Funds Remaining: 816

Withdrawal Failed ! Not enough funds