MainController.java

package com.ecommerce.controllers;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.IOException;

import org.springframework.core.io.ClassPathResource;

import org.springframework.core.io.InputStreamResource;

import org.springframework.core.io.Resource;

import org.springframework.http.HttpHeaders;

import org.springframework.http.HttpStatus;

import org.springframework.http.MediaType;

import org.springframework.http.ResponseEntity;

import org.springframework.stereotype.Controller;

import org.springframework.util.ResourceUtils;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.RequestBody;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import org.springframework.web.bind.annotation.RequestParam;

import org.springframework.web.bind.annotation.ResponseBody;

import org.springframework.web.multipart.MultipartFile;

@Controller

public class MainController {

@RequestMapping(value = "/")

public String index() {

return "index.html";

}

@RequestMapping(value = "/upload", method = RequestMethod.POST)

public ResponseEntity<String> fileUpload(@RequestParam("file") MultipartFile file) {

String result;

if (file.isEmpty()) {

result = "Error: No file provided";

return ResponseEntity.badRequest().body(result);

}

try {

File convertFile = new File("/var/tmp/" + file.getOriginalFilename());

convertFile.createNewFile();

FileOutputStream fout = new FileOutputStream(convertFile);

fout.write(file.getBytes());

fout.close();

result = "File was uploaded successfully";

return ResponseEntity.ok().body(result);

} catch (IOException iex) {

result = "Error: " + iex.getMessage();

return ResponseEntity.status(HttpStatus.INTERNAL\_SERVER\_ERROR).body(result);

}

}

@RequestMapping(value = "/download", method = RequestMethod.GET)

public ResponseEntity<Resource> downloadFile() throws IOException {

String fileName = "static/dump.txt";

Resource resource = new ClassPathResource(fileName);

if (resource.exists()) {

InputStreamResource inputStreamResource = new InputStreamResource(resource.getInputStream());

HttpHeaders headers = new HttpHeaders();

headers.add("Content-Disposition", String.format("attachment; filename=\"%s\"", resource.getFilename()));

headers.add("Cache-Control", "no-cache, no-store, must-revalidate");

headers.add("Pragma", "no-cache");

headers.add("Expires", "0");

return ResponseEntity.ok()

.headers(headers)

.contentLength(resource.contentLength())

.contentType(MediaType.APPLICATION\_OCTET\_STREAM)

.body(inputStreamResource);

} else {

return ResponseEntity.notFound().build();

}

}

}

Index.html

<html>

<head><title>File Upload</title></head>

<body>

<form method="post" enctype="multipart/form-data" action="/upload">

Upload file&nbsp;

<input type="file" name="fileToUpload" id="fileToUpload"><br><br>

<input type="submit" value="Upload " name="submit">

</form>

</body>

</html>

Output:





