Multipart Image Upload

1.Adding dependencies.

a.In the pom file of the backend project , include the properties.

<commons-fileupload.version>1.3.2</commons-fileupload.version>

<commons-io.version>2.5</commons-io.version>

b.In the same file add the dependencies .

<!-- Fileupload Dependency -->

<dependency>

<groupId>commons-fileupload</groupId>

<artifactId>commons-fileupload</artifactId>

<version>${commons-fileupload.version}</version>

</dependency>

<!-- Commons IO dependency -->

<dependency>

<groupId>commons-io</groupId>

<artifactId>commons-io</artifactId>

<version>${commons-io.version}</version>

</dependency>

<!-- Spring web dependency -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-web</artifactId>

<version>${spring.version}</version>

</dependency>

2.Adding the field in the Product.java page in backendproject :

@Transient

private MultipartFile file;

public MultipartFile getFile()

{

return file;

}

public void setFile(MultipartFile file)

{

this.file=file;

}

Note:remove validation annotation on productImage

3.In the ProductController of front end project , add this beneath the productDAO object.

@Autowired

private HttpRequest request.

4.In the dispatcher-servlet.xml,add:

<bean id="multipartResolver"

class="org.springframework.web.multipart.commons.CommonsMultipartResolver"/>

5.In the controller ,add the method after doactions:

protected String uploadImage(MultipartFile multipart)

{

String folderToUpload="/resources/images/";

String filename=multipart.getOriginalFilename();

String realPath=request.getServletContext().getRealPath(folderToUpload);

if(!new File(realPath).exists())

{

new File(realPath).mkdirs();

}

String filePath=realPath+filename;

File destination=new File(filePath);

try

{

multipart.transferTo(destination);

}

catch(Exception ex){}

return filename;

}

6.Inside the doAcftions method of the controller page,case add , include:

if(!(product.getFile().getOriginalFilename().equals("")))

{

product.setProductImage(uploadImage(product.getFile()));

}

productDAO.addProducts(product);

productResult = product;

break;