File Upload Functionality in Spring Boot

```java
@SpringBootApplication(scanBasePackages="com.*")
public class TestApplication {

    public static void main(String[] args) {
        SpringApplication.run(TestApplication.class, args);
    }

}
```

```java
@RestController
@RequestMapping("/file")
public class FileHandleController {

    @Autowired
    private Environment env;

    @PostMapping("/uploadFile")
    public String getFile(@RequestParam("file") MultipartFile file) throws Exception {
        Path fileStorageLocation = Paths.get(env.getProperty("file.upload-
dir")).toAbsolutePath().normalize();

        Files.createDirectories(fileStorageLocation);
        String fileName = StringUtils.cleanPath(file.getOriginalFilename());

        Path targetLocation = fileStorageLocation.resolve(fileName);
        Files.copy(file.getInputStream(), targetLocation,
StandardCopyOption.REPLACE_EXISTING);

        String fileDownloadUri =
ServletUriComponentsBuilder.fromCurrentContextPath().path("/downloadFile/")
                    .path(fileName).toUriString();
        return fileName + " :: File Received ::" + fileDownloadUri;

    }
}
```

Application.properties

```
spring.servlet.multipart.enabled=true
spring.servlet.multipart.file-size-threshold=2KB
spring.servlet.multipart.max-file-size=200MB
spring.servlet.multipart.max-request-size=215MB

file.upload-dir=C:/Users/34060/Desktop/MyDocuments/Test/src/main/resources
```

- TestServer
  - src/main/java
    - com.test
    - com.test.controller
    - com.test.datamodel
    - com.test.repo
    - com.test.service
  - src/main/resources
    - static
    - templates
    - application.properties
    - SpringBootJBossRestTemplateSwag
  - src/test/java