# HOW IT WORKS

Directory contains 2 folders: Released and SourceCodes

**Released Folder:**

1. Deploy “FileOperation.war” file to the server and copy FileAnalyzer.jar and then paste it to C:/ directory.
   1. The user will be able to change configuration on: Tomcat8.5\webapps\FileOperation\WEB-INF\classes\config.properties
2. Server will run for each request FileAnalyzer.jar.
   1. The program will work on the given path and create a file with .chc extension for each text file given target directory and its sub directories.
   2. .chc file keeps the last modified date of text file and analysed data results for the performance which also means if the modified date of the text file is the same with the date in the .chc file, program will not reanalyse the text file again and again.The program attached the results to the output query.
3. SimpleClientWordProcessor.exe is a simple client for the service.

**SourceCodes Folder:**

All the source codes are provided in this folder.

**Tested on:**

Apache TomCat 8.5

Java version "1.7.0\_75" , Java(TM) SE Runtime Environment (build 1.7.0\_75-b13)

.Net 3.5

In this project, I have used following technologies and framework:

**Server side (FileOperation.war):**

Java based, Maven,Spring

**Service side (FileAnalyzer.jar):**

Java based, Gson

**Client side (SimpleClientWordProcessor.exe):**

.Net based, Newton.Json