**Analysis metrics of the Group Project: FileManager**

**Cyclometric Complexity Unit Testing and Code coverage of all methods:**

bool FileExists(filepath)

* Complexity of 1
* Tested
* 100% coverage

string DirectoryName(filepath)

* Complexity of 2
* Tested
* 83.33% coverage

string LargestFileInCurrentDirectory(filepath)

* Complexity of 2
* Tested
* 95.83% Coverage

string VowelWeight(filepath)

* Complexity of 5
* Tested
* 100% code coverage

string FileName(FilePath)

* Complexity of 2
* Tested
* 83.33% coverage

string FileExtension(filepath)

* Complexity of 2
* Tested
* 83.33% coverage

byte[] GetByteArray(filepath)

* Complexity of 1
* Tested
* 100% coverage

string ToString()

* Complexity of 1
* Tested
* 100% coverage

GetFileLength(fileInfo)

* Complexity of 1
* Tested
* 83.33% coverage

**Testing Results:**

A screenshot of a computer

Description automatically generated with medium confidence

Text

Description automatically generated with medium confidence

Graphical user interface, text

Description automatically generated