

SOFE 2710U Assignment

Implement a file management solution that reads and writes to *.txt* and *.docx* files.

Requirements:

1. Design:

- Create a UML diagram showcasing your design.
- Include a superclass and a couple of subclasses that inherit from and override methods in the base class.

2. Implementation:

- Develop the solution in Java.
- Ensure the solution can read from and write to both *.txt* and *.docx* files.

3. Input:

- Up to three arguments: first argument indicating the file address, second the type if modification (read, write, append), and third the text to write/append.

4. Testing:

- Run (and include in your main file) at least two test cases.

Deliverables:

1. PDF Document:

- Attach your UML design.
- Include a one-paragraph description of your design.

2. Java Code:

- Attach your implementation in *.java* format.

If you have any questions or require further assistance, please contact one of the TAs or me at:

- Email1
- Email2
- Email3