**Automwrite – Take home assessment**

**January 2025**

**What you are provided**

* You are given a REST API
  + You are given one endpoint /api/test (rename as you see fit) that takes in two documents simultaneously as below:

A screenshot of a computer

Description automatically generated

* + At this point the documents are loaded into XWPFDocument objects which you may find useful
  + You are also provided with an LLM service that can take in a string and output a new string using Claude, you may use this LLM service how you see fit
  + You will be given a Claude API key to use as part of this assessment
* We are using Java 17 and the Apache POI dependency
* You are given:
  + 3 .docx files, each has a distinct writing style:
  + Document A - Casual tone
  + Document B - Formal tone
  + Document C - Grandiloquent tone

**Your assessment**

* Your assessment:
  + Extract the writing style from one document (A, B, or C) and retain this writing style somewhere. Let's say, document A.
  + Upload a new document of a different writing style, let's say, document B.
  + After uploading this new document (B), you are to process it and save the contents from document B (ex, phrasing, usage of particular words) but written in the writing style of the previous document (in this instance document A).
  + The output ideally should be saved.

**Examples**

Example 1:

Input 1: Document A - Casual tone

Input 2: Document B - Formal tone

Output: Document B - Casual tone

Example 2:

Input 1: Document B - Formal tone

Input 2: Document C - Grandiloquent tone

Output: Document C - Formal tone

Any further questions related to the assessment please contact:

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