I need you to generate content for an MS Word document that contains a Table of Contents (TOC), a List of Tables, and a List of Figures and fill it with some sample data. The document shall have ten headings; 5 do not have any subheadings, 2 have three subheadings, and 3 have five subheadings. The subheadings shall contain sample data between 3 to 5 sentences. Fill the contents of the subheadings with the data from The Da Vinci Code thriller by Dan Brown if possible. While the document's structure is fundamental, the content can be less coherent.

The document shall have five figures and five tables.

Each figure should act as a placeholder for an actual figure. The figure names shall be interspersed between the contents of the documents.

Each table should have ten rows.

The first row shall have three columns: #, Procedure, Results

The Procedure column shall have two columns: Item Description and ID

The Results column shall have two columns: Expected and Actual

Starting from the second row, the table shall have five columns.

The Item description column shall have Item1, Item2, Item3, etc. contents

The ID column contents shall contain a unique combination of random 4-5 alphanumeric characters.

The Expected and Actual columns can be left empty.

The tables shall be interspersed between the contents of the documents.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Procedure | | Results | |
|  | Item Description | ID | Expected | Actual |
| 1 | Item 1 | 12A |  |  |
| 2 | Item 2 | 34B |  |  |
| 3 | Item 3 | 56C |  |  |
| 4 | Item 4 | 78D |  |  |

I have an MS Word document that contains a Table of Contents (TOC), a List of Tables, and a List of Figures, along with the respective content. I need to extract the information from this document and store it in an MS Excel spreadsheet.

The Excel spreadsheet must store the heading and the subheading numbers in column A, the heading and the subheading names in column B, and the respective headings and the subheadings’ content, if found, in column C. The focus should only be on the document’s content under the headings and subheadings. There is no need to process either figures or tables in the document.

I was thinking about using a Python script to accomplish that. The Python application will input the MS Word document, read it, process the information as per the requirements, extract what is necessary, and output the processed extracted information to Excel. What do you think? Is it doable? What other suggestion do you have to accomplish that?