README

Compliance Matrix Generator

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INSTALLATION:

* Download ZIP folder
* Unzip
* Make sure at least Java-1.6 is installed
* Launch ‘compliancematrixgenerator.exe’
* Make sure it is in the same folder as the ‘scripts’ folder
* NOTE: Need Adobe Acrobat/Microsoft Word in order to read pdfs/documents and create the compliance matrix

USE:

* Settings:
  + Parsing Options:
    - Minimum heading length
      * Determines how short a header can be, any section of text that is shorter than this will not be captured as a heading.
    - Maximum heading length
      * Determines how long a header can be, any section of text that is longer than this will not be captured as a heading.
    - Characters that indicate a section of text is not a heading
      * If a section of text is within the range of heading length but holds any characters in this list, then it will not be captured as a heading.
      * Can check characters that you don’t want in the list and can use the button on the bottom to add other characters to the list. (See “Add a Bad Character”)
    - Keywords
      * Contains the list of keywords to parse the documents for.
      * Can deselect keywords that you do not want to be parsed for and add other keywords that you do want to be parsed for. (See “Add a Keyword”)
    - Add a Keyword
      * Can enter any keyword into the text field and press the button in order to add that word to the list of keywords. Will appear with a checked box.
    - Add a Bad Character
      * Can enter any character into the text field and press the button in order to add that character to the list of bad characters. Will appear with a checked box.
    - Reset Settings to Default
      * Pressing this button will set “minimum heading length” to 4, “maximum heading length” to 50, “Characters that indicate a section of text is not a heading” to “;”, “,” and ”.”, and “Keywords” to shall, should, may, must , will, and is responsible for.
      * NOTE: Default settings are automatically saved after pressing reset.
    - Save
      * Saves all changes to the configuration file which will be used when parsing the document(s).
* Buttons:
  + Select a Requirements Document
    - Will open up a file chooser in order to select a document that contains the project requirements.
    - Red circle will turn to green once completed.
  + Select a Proposal Document
    - Will open up a file chooser in order to select a document that is the proposal for the project.
    - Red circle will turn to green once completed.
  + Spellcheck/Edit Document
    - Corresponds to the side that it is on (Requirements or Proposal Document).
    - Will open up the document in Word or in Adobe Reader (if it is a PDF).
    - Spell check will be automatically started in Word.
    - Can edit the document (in Word).
    - Red circle will turn to green once completed.
    - Note: Sometimes PDF documents will be opened in Microsoft Word (Feature)
  + Close Document
    - Corresponds to the side that it is on (Requirements or Proposal Document).
    - Will close the Word document automatically.
    - If document was a PDF, then a message box will pop up saying to close the document manually.
    - Red circle will turn to green once completed.
  + Parse Document
    - Corresponds to the side that it is on (Requirements or Proposal Document).
    - Will take settings saved from settings tab and use those requirements and keywords to parse the document.
    - Red circle will turn to green once completed.
  + Export to Compliance Matrix
    - Takes the parsed list from both documents and uses that to create a table in a Word (.docx) document that contains all the sections with the required keywords, the headings, and the corresponding page and section numbers.
    - Opens up a file chooser to either create a new file or save compliance matrix in an already existing .docx file.
    - Red circle will turn to green once completed.

ALERT/ERROR/INFORMATION MESSAGES:

* “Cannot open selected file”
  + The file is protected or locked
* “Could not find the file specified”
  + The filename might not be correct
* “Please close the document”
  + You opened the document but forgot to close it before attempting to parse it. Please close the document first before continuing.
* “Please complete all of the previous steps”
  + You hit “Close Document” but did not spellcheck/edit the document so there is no document that is open to close.
* “Please parse the document”
  + You are trying to export the document before you have parsed it. Please hit the “Parse Document” button.
* “Please select a document”
  + You need to have selected a document before you can perform that task.
* “Something went wrong”
  + A miscellaneous error occured
* “The program has finished parsing the document”
  + The document has been parsed and is ready for you to either parse the other document or to export it to a compliance matrix.
* “This program does not support automatic closing of PDF documents”
  + The program does not work with Adobe Reader and cannot close the document automatically. You must close the document manually.