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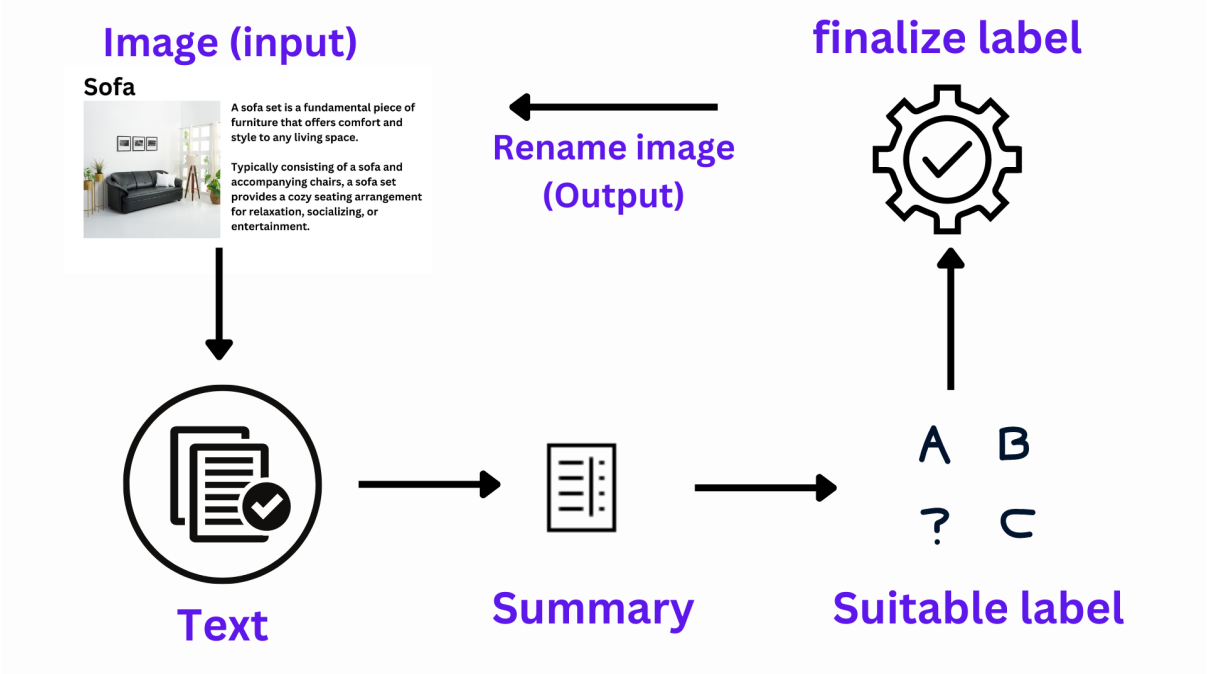
Overview



image_to_text.py

1) **Importing necessary libraries**
    a) import Pytesseract
    b) From the PIL package imported Image.
2) **Setted tesseract_cmd path, setting the path to the Tesseract OCR executable file.**
3) **Created method**
    a) Method →extract_text_from_image((String) image_path)
    b) Opening image using 'PIL.Image' function
    c) Extracted text from Image using 'pytesseract.image_to_string' function
    d) Split *new lines* with python list.
    e) Removed unnecessary duplicates from line
    f) Created list to final string.
    g) ← return final_text (String)

text_summarizer.py

1) **Importing necessary libraries**
   - **a)** From the transformers package imported pipeline.

2) **Created Method** → get_summary((String) text)
   - **a)** Created object of pipeline named *summarization* used model and tokenizer ‘t5-base’
   - **b)** Generated summary using text with criteria max length = 15 and minimum length = 5.
   - **c)** ← return summary

main.py

1) **First it lists all the images that are available in the directory, using python os module.**
2) **For each image**
    a) Extract text from the image
    b) Generate summary from the text
    c) Choose valid name from summary
    d) Rename the all images.
3) **Finish.**