**DOCUMENTATION FOR AI DOCUMENT SUMMARIZER**

* FOR GOOGLE COLAB

1. Import the Necessary Libraries  
   !pip install sentence-transformers

!pip install langchain

!pip install transformers

!pip install transformers accelerate

!pip install -U langchain-community

!pip install pypdf

!apt install -y libomp-dev

!python -m pip install --upgrade faiss

!pip install faiss-CPU==1.11.0

!pip install -q streamlit

!npm install localtunnel

1. Upload the files named utils.py and test.py in Google Colab File Section
2. Run the Command: **!streamlit run /content/test.py &>/content/logs.txt & npx localtunnel --port 8501 & curl ipv4.icanhazip.com**
3. Below the command, it generates Ip address and URL, click the URL and paste the Ip address, after that it will open the streamlit deployed website.
4. Upload the file and click generate summary
5. The pre-trained model will generate the summary

NOTE:

1. The code requires faiss, which is not available in windows.
2. Make sure to install all these libraries, since it hugely relies on dependencies.
3. In Colab, streamlit, faiss, pypdf is not pre-installed.