**TECHNICAL ANALYSIS**

In order to make the project more suitable and sustainable in terms of library support and usage width of Python, It would be more appropriate to prefer python programming language for development.

PROS

* Possibility to access every interrnal and external link of the websites
* It is possible to take contents of the website ( including the pdf, jpg, pdf’s etc.)
* Possible to acces external links (it is not suitable for our use-case).

CONS

* Because many websites load their data using JavaScript instead of directly rendering HTML code, We can use the requests-html library on python as it supports JavaScript-driven websites. It is necessary to implement a different implementation on a non-Javascript-based website. At this point, it may be necessary to understand whether a site is js-based and take appropriate action. ( Condition is valid for both scrapping and mail extraction).
* During the scrapping event, the program may have problems because there will be too many internal links on large sites. We can solve this problem by giving a static variable such as max\_url.
* Requesting the same website many times in a short period of time may cause the website to block your IP address, in that case, we need to use a proxy server for such purposes.