**Purpose Of The Document**

Our software includes the use of difficult to implement-Elastic search and the innovative conversion of images into text format for search. Following are the points we have considered while building our product and how many we could actually implement.

We planned on building an advanced search which extends from the topic of documents to internal document data. It includes features like download, upload and online viewing of document, customer feedback and up-vote system. We also provide a feature that can make a collection of various documents of user’s choice to make him/her a personalized library. Based on his/her choice of documents, we also recommend the users with documents that might be useful to them or that they may like. If a user wishes to find a document who’s title is say x and has a word ‘abc’ written in it, he/she can search for either x or ‘abc’ or both and the system will provide them with the document in either cases. A user could also type multiple keywords in the search box separated by a ‘,’ to find either a single document with all keywords or multiple documents have all these keywords.

According to whatever has been mentioned above, we have been successfully able to build our software, which meets all the requirements. The feature of creating personalized user library is an extended feature that will be added in the next version.

**Modules And Functions Used**

**Taking Complexity into Account**

Complexity Adjustment Values (F\_i) are used on a scale of 0 (least important) to 5(most important):

1. Does the system require reliable backup and recovery?    Value: **5**
2. Is data communication required?   Value: **3**
3. Are there distributed processing functions?   Value: **4**
4. Is performance critical?   Value: **5**
5. System to be run in an existing, heavily utilized environment?   Value: **4**
6. Does the system require on-line data entry?   Value: **2**
7. On-line entry requires input over multiple screens or operations?   Value: **2**
8. Are the master files updated on-line?   Value: **4**
9. Are the inputs, outputs, files, or inquiries complex?   Value: **4**
10. Is the internal processing complex?   Value: **5**
11. Is the code designed to be reusable?   Value: **5**
12. Are conversion and instillation included in the design?   Value: **3**
13. Multiple installations in different organizations?   Value: **0**
14. Is the application designed to facilitate change and ease-of-use?   Value: **5**