**List of requirements**

1. Users should be able to search all text fields in the course data for key words
2. Users should be able to see all relevant fields in the search results
3. Users should be able to filter results using course ratings
4. Users should be able to filter based on duration
5. Users should be able to retrieve enriched fields about the internal training instructors along with the search results
6. Users should be able to facet the retrieved results based on the source of the training material
7. Users should be able to facet on the skills relevant to the returned training material
8. Users should be able to facet on the role specified in the returned training material
9. Users should be able to sort the results based on the relevant fields
10. Users should be able to retrieve a curated set of pdf journals related to their research on big data while searching on fields like; authors, institutions, and the keywords in the journals
11. Users should be able to search on publication name, publisher and publication date
12. Users should be able retrieve the DOI along with the returned results of the relevant journals