**Requirements for Course Search Solution:**

* User should be able to search Course Data by keywords and phrases from all text fields (except url, partionKey and rowKey)
* Users should be able to see all relevant fields in search results. All fields are returned and front-end will is assumed to filter what to be displayed to final user.
* Users should be able to filter, sort and facet on duration
* Users should be able to filter, and facet on instructor
* Users should be able to filter and facet on level
* Users should be able to filter and facet on product
* Users should be able to filter, sort and facet on rating-average
* Users should be able to filter and sort on rating-count
* Users should be able to filter and facet on role
* Users should be able to filter and facet on source
* Users should be able to filter and facet on extracted keyphrases
* User should be able to see the enriched profile for each of the course instructors

**Requirements for Paper Search Solution:**

* User should be able to search Paper Data by keywords and phrases from all text fields (except metadata storage).
* Users should be able to see all relevant fields in search results. All fields are returned and front-end will is assumed to filter what to be displayed to final user.
* Users should be able to filter and facet on author
* Users should be able to filter and sort on title
* Users should be able to filter, sort and facet on creation\_date
* Users should be able to filter and facet on extracted people
* Users should be able to filter and facet on extracted organizations
* Users should be able to filter and facet on extracted keyphrases
* Users should be provided the DOI (Digital Object Identifier) URL for the file as part of the search result.