Requirements:

Courses:

1. Users can search Course Data by keywords and phrases from descriptions and other fields and return meaningful results
2. Users can filter results based on relevant criteria such as course ratings or duration
3. Users can filter information based on relevant fields such as source, skills, or role.
4. Users can sort results by relevant fields.

PDF:

1. Articles should be searchable by keywords and phrases, authors, and their associated institutions
2. Users can search using the publication name, publisher, and publication date.
3. DOI (Digital Object Identifier) URL is provided in the search result.