### Use Kotlin - Spring - MySQL - Redis to create a E-Library Application with the following features:

* Tables
  + Book
  + Author
* Definition:
  + A book can contain information like no. of pages, author, isbn\_no, added\_on, name and will contain the pdf version that will contain the binary content of the file
  + A book can belong to multiple categories
  + A book is written by a single author
  + Assume that we have pre-defined sets of categories that can be used. Eg. Crime, Horror, Thriller, Romance, Comedy, Drama, etc.
* Features:
  + Add a Book to the library with all the attributes
  + Remove a book from the library
  + Search & Filter APIs
    - List of Authors
      * API should do the DB query and implement pagination
    - List of books by a particular Author
      * API should do the DB query and implement pagination
    - API to do textual search in book\_name which can further be filtered by author or categories (optional)
      * Use DB query implement pagination
      * Cache query results so that the same queries made by the user are performant.
  + Add Health Check url using Spring Actuator
  + Add Swagger for showing endpoints
  + Test case coverage minimum 90%

Requirements:

* + For building the project, use gradle
  + Use kotlin 1.4.x and spring boot