**Book App Case Study**

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| **1** | **Name of the Project** | **Book App** | |
| **2** | **Objective/ Vision** | Create a Dashboard view (Angular Route /dashboard) with three sections Display Favorite, author, recommendations for a book from openlibrary.org one under the other.  - This Dashboard is the default view to be shown.  - The 3 sections are:  - Favorite books with Id #favorite.  - Author with ID #author.  - Recommended books with ID #recommended  - View all Favorite book cards under Favorite section  - Display all Author under Author section  - View all book recommendations from 3rd party books service provider (openlibrary.org) under recommendations section | |
| **3** | **Users of the System** | All Internet users | |
| **4** | **Functional Requirements** | 1) User should be able to register in the system. Profile image should be uploaded during registration  A registered user should be able to login to the system  2. Search : Search for a particular Book or Author  3) Favorite Service - View all Favorite book cards under Favorite section  4) View all book recommendations from 3rd party books service provider (openlibrary.org) under recommendations section | |
| **5** | **Non-functional requirements** | 1. App should be responsive to display consistently across multiple device screens. 2. Dockerize the front-end (create Docker file, docker-compose.yml and get it executed through docker compose) | |
| **6** | **Tools and Technologies to be used** | | 1. VCS : Gitlab 2. Middleware : Spring 3. Frond end : Angular 4. Data Store : MongoDB/MySQL 5. Testing : Karma, Jasmine, Junit, Mockito 6. Containerization: Docker |