**Search and Advance Search**

**A. Introduction:**

* **Purpose/Description**: This Component is used to perform Search and Advanced Search (i.e.; by adding some filters to the search operation)operations on books available in database.
* **Scope** - Reusable component where the user can use it with minimal changes according to their requirement.
* **Advantage:** User can do both search and Advance Search using this component.
* **Is there any functionality which compete the market? :**No
* **Design Document/Process Document** - Path or attachment
* **Test case document - Path or attachment**

**B. Prerequisites:**

OS: Windows

Browsers: IE/Chrome

RAM: 2GB/8GB

**C. Required tools/software’s:**

1.. Node js (npm)

2.Visual Studio Code

3.Spring(Dependencies-Web, Dev Tools, MongoDB)

4.MongoDB

**D. Technology used:**

1. Angular

2. Springboot

3.MongoDB

4.HTML

5.CSS

6.Bootstrap

**E. Compatibility: Browser/OS**

Chrome/Microsoft Edge/Internet Explorer

**F. Execution Process:**

1. install nodejs, visualstudio code,eclipse IDE

Steps for visual studio code:

2. Open visualstudio code and to install the CLI using npm, open a terminal/console window and enter the following commands:

**npm install -g @angular/cli**

**ng new my-app**

**cd my-app**

**ng serve**

3. Click on File--> Open Folder and browse the path where the project folder exsists, select the folder and click on OK. Project will be imported on your system.

Steps for mondo db:

1.Open mongo db and insert few records of data with attributes: name, pricerange,language,condition,category and format.

Steps for Eclipse IDE:

1.Open Eclipse click on File -->Import -->Maven --> Exsisting maven project --> click Next.

2. Browse the path where the project exsists and select the folder. Click Finish. Project will be imported to Eclipse.

3.Run the project as spring application. Server gets started.

After following the above steps, open browser and we can access the application with the url:

<http://localhost:4200/>

Note: For running the application, server should be up and also mongodb should be opened.

**G. Lenience (If using any license tool):**No

**H. Known Issues**:No