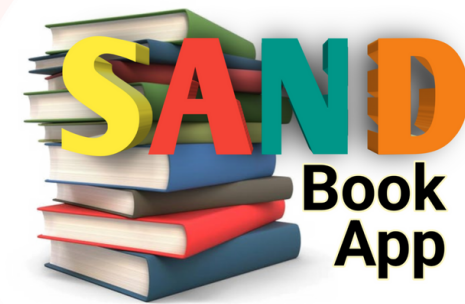


SAND

BOOK

APP



CAPSTONE PROJECT

PREPARED AND PRESENTED BY

SYAM

ANAND

NITHIN

DENWAR

INTRODUCTION

The frontend of this project was done on angular and backend consists of spring boot. We can see the interactive UI where user can do register itself and then login to the dashboard where user can search the book he wants to study by typing name and author of the book in the search tab. The API will fetch data and the same data will replicates on the page in card form . After using it the user can simply logout from the site and the data was stored in the database which can be access whenever the user login through its id with same credentials.

OUTLINE

- Problem Statement
- Objective
- Project Overview
- Architecture
- Application Flow
- Technology and Tools Used
- Conclusion

PROBLEM STATEMENT

Create a book app with dashboard view having sections - display HOME, AUTHOR, SEARCH BOOK BY BOOK NAME ,favorite, Recommend, AND author NAME for a book from External developer api.

OBJECTIVE

Our main objectives are :

- 1) This dashboard is the default view to be shown. WHICH are: -
SEARCH BOOK BY BOOK NAME - SEARCH BOOK BY AUTHOR NAME
- 2) Display BOOK AFTER SEARCHING BY AUTHOR NAME AND BOOK NAME
- 3) View all BOOKS IN DASHBOARD from 3rd party books service provider ON HOME PAGE

REGISTER AND LOGIN

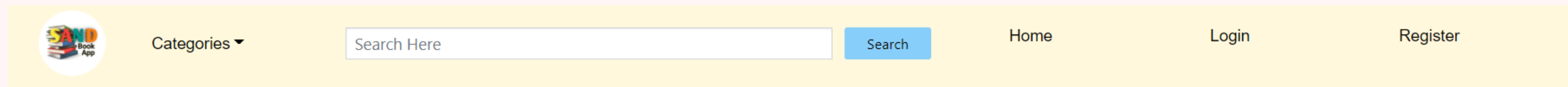
- In order to access the dashboard, user have to undergo process by registering first and then login in order to access the dashboard.
- The details will be validated from the users table stored in MySQL database.

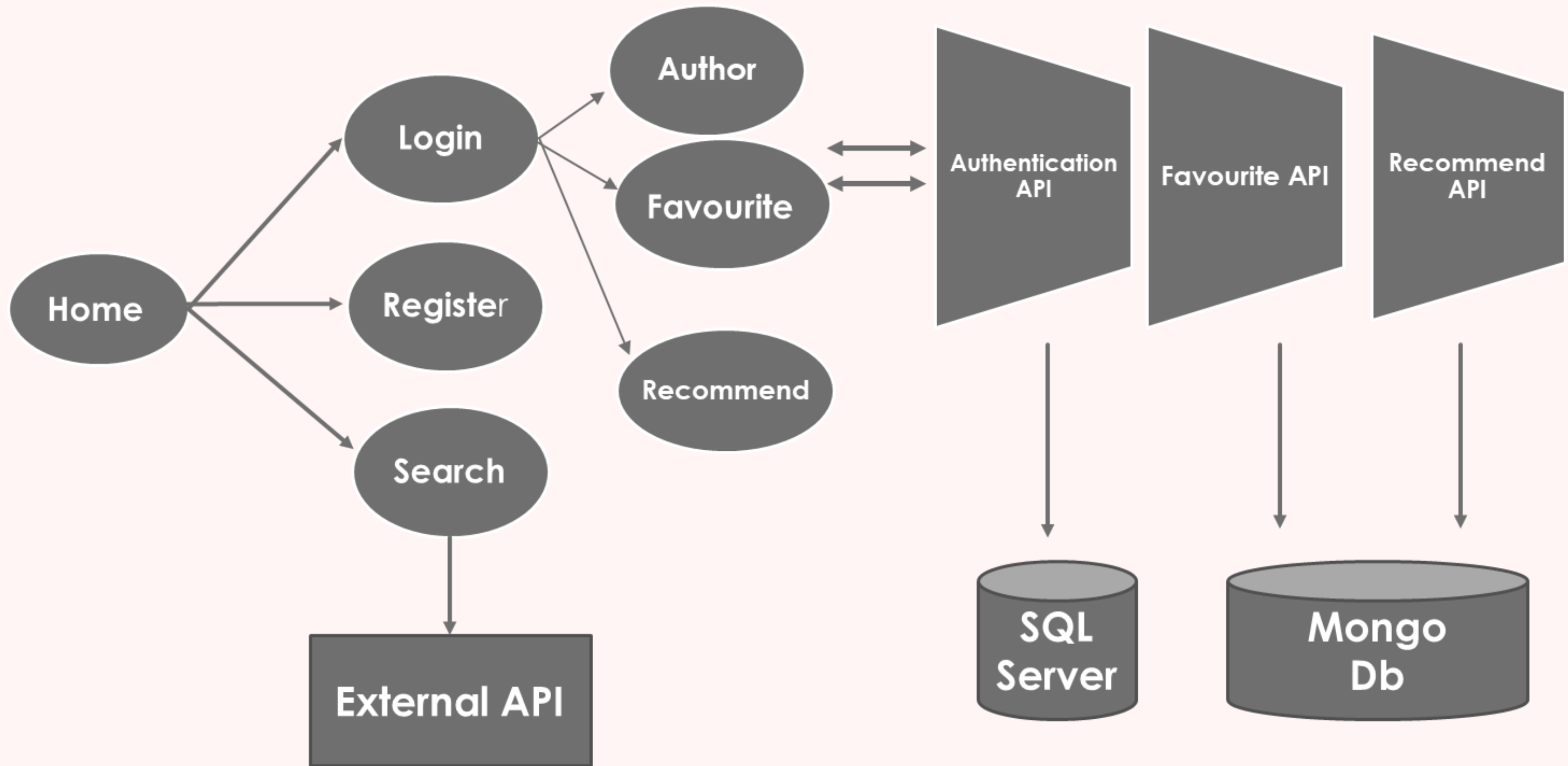
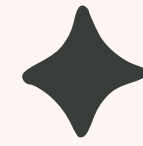
The screenshot shows a web browser window with the URL `localhost:4200/login`. The page has a title "Login" and a subtitle "Please fill in the correct credentials to login". It features two input fields: "Email" (with placeholder text "User name") and "Password". Below these fields is a green "Login" button. At the bottom, there is a link "New User" followed by a green "Register Here" button. The browser's taskbar at the bottom shows various application icons and the system clock indicating 18:13 on 14-07-2022.

The screenshot shows a web browser window with the URL `localhost:4200/register`. The page has a title "Register" and a subtitle "Please fill in this form to create an account.". It features three input fields: "Name", "Email", and "Password". Below these fields is a green "Register" button. At the bottom, there is a link "Already have an account?" followed by a green "Login Here" button. The browser's taskbar at the bottom shows various application icons and the system clock indicating 18:14 on 14-07-2022.

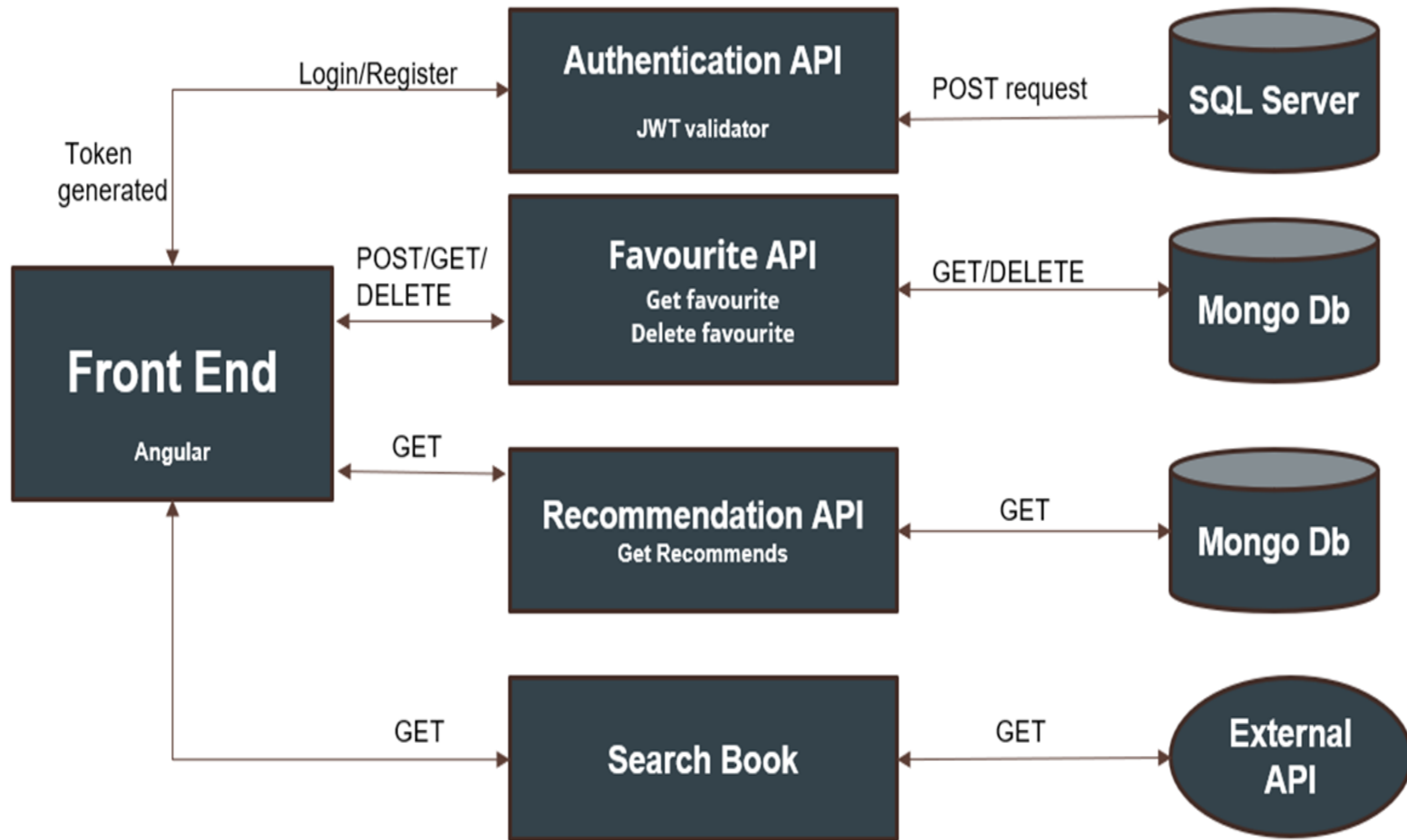
SEARCH **BY** TITLE/AUTHORS

- Through search icon we can search any book according to our need.
- The book can searched by giving input of your favorite title/author into the search bar.
- Once the book is found, the image of the book and other details will be displayed.

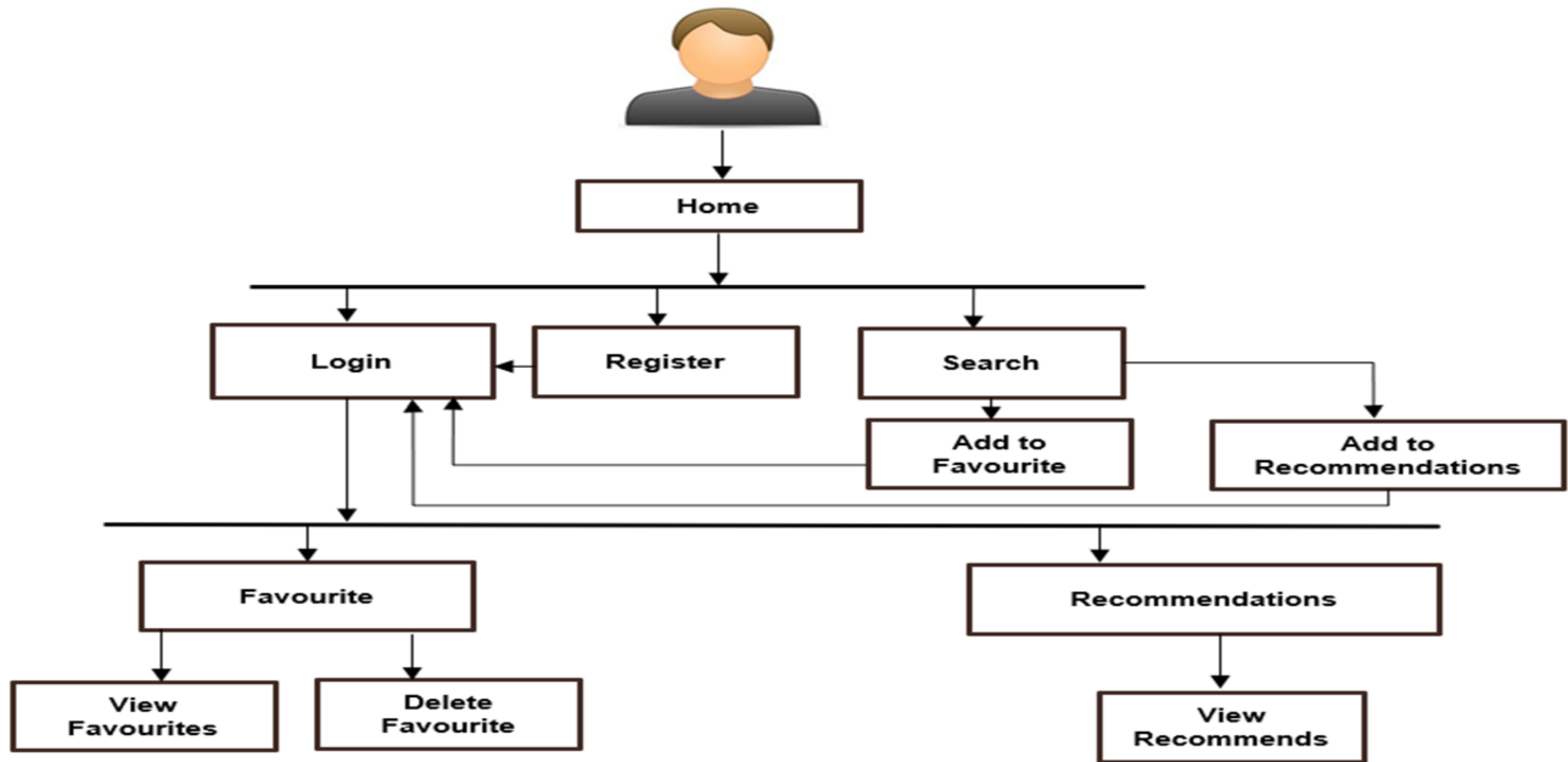




ARCHITECTURE



APPLICATION ✦ FLOW



TECHNOLOGIES **AND** TOOLS USED



Middleware : Spring Boot



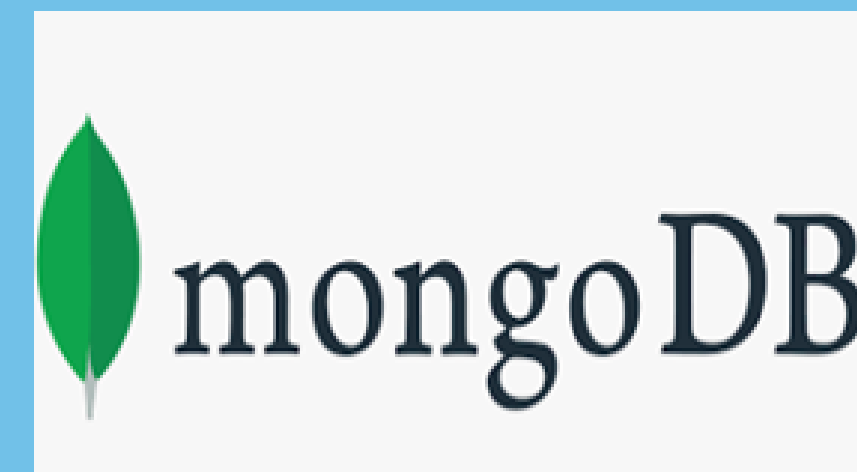
VCS/CI : Gitlab



Frond end : Angular



Database : SQL,



MongoDB

CONCLUSION

We can conclude that our final main dashboard of our book app website has default view with sections namely Favourite, Recommend, Register, Login and Dashboard where Authors can be seen through author section, user can register in registration section, after registering the user can login in login section and all the searches displays in dashboard section from third party books service provider.

The user can simply use the website with successfully implementation of frontend and backend technologies like angular, spring boot, mongoDB, SQL and testing using Junit.

THANK **YOU!**