WIPRO/STACKROUTE/BATCH-66

SAND BOOK APP

CAPSTONE PROJECT

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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 :

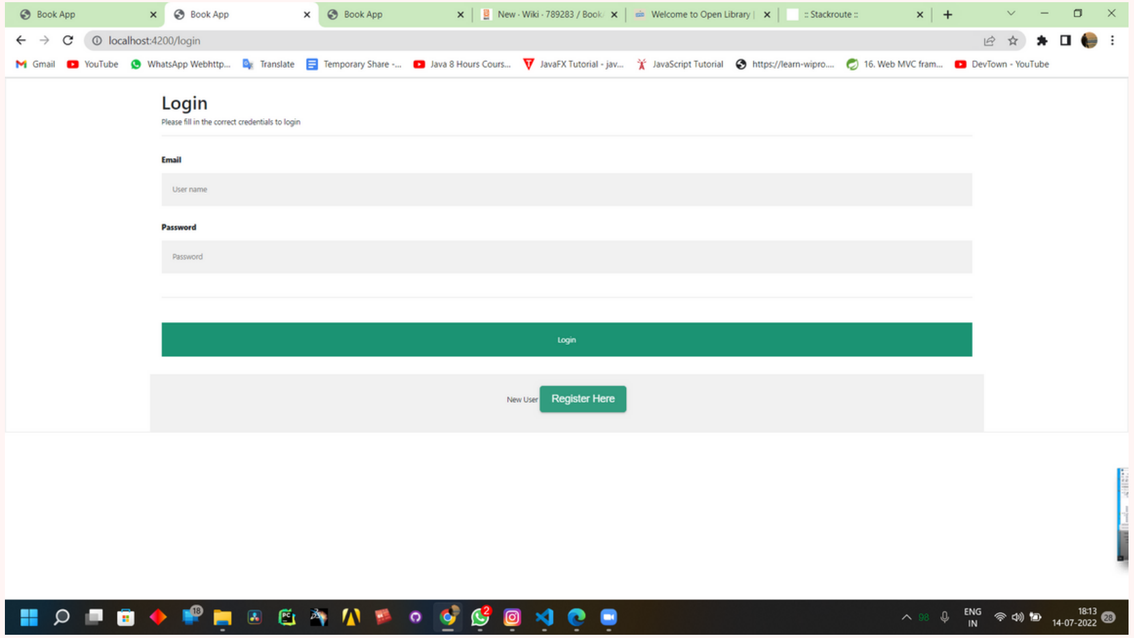
1)This dashboard is the default view to be shown. WHICH are: - SEARCH BOOK BY BOOK NAME - SEARCH BOOK BY AUTHOR NAME

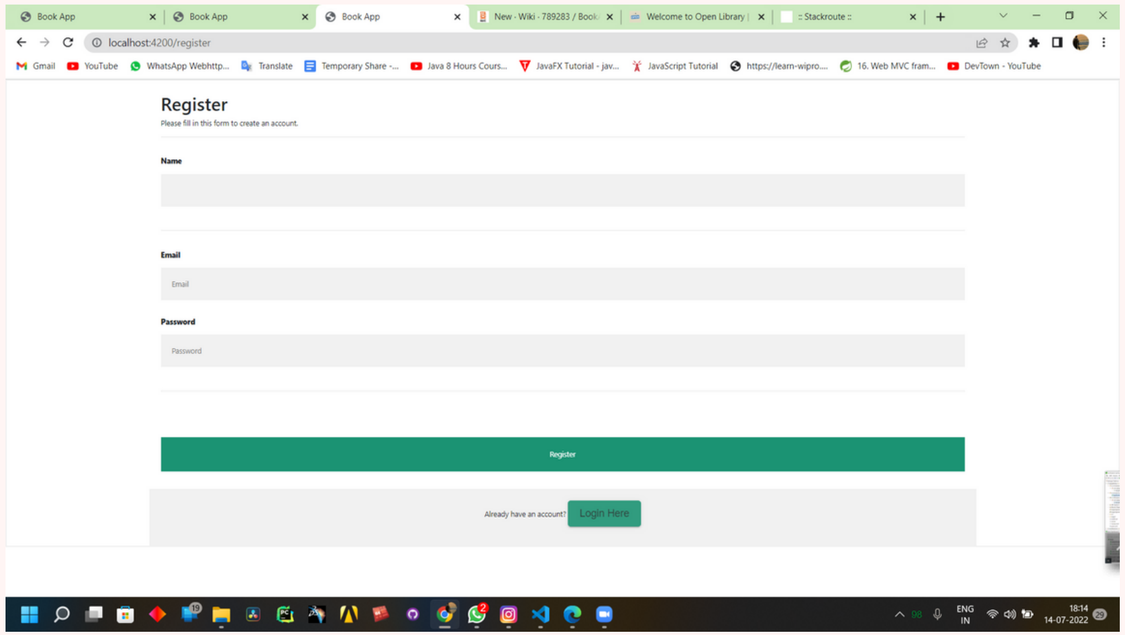
2)Display BOOK AFTER SEARCHING BY AUTHOR NAME AND BOOK NAME

3) View all BOOKS IN DASHBOARD from 3rd party books service provider ON HOME PAGE

REGISTER AND LOGIN

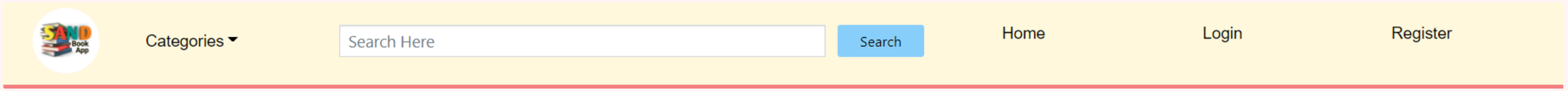
- In order to access the dashboard, user have to undergo process by registering first and then login in order to access the dashboard.
- The details will be validated from the users table stored in MySql database.



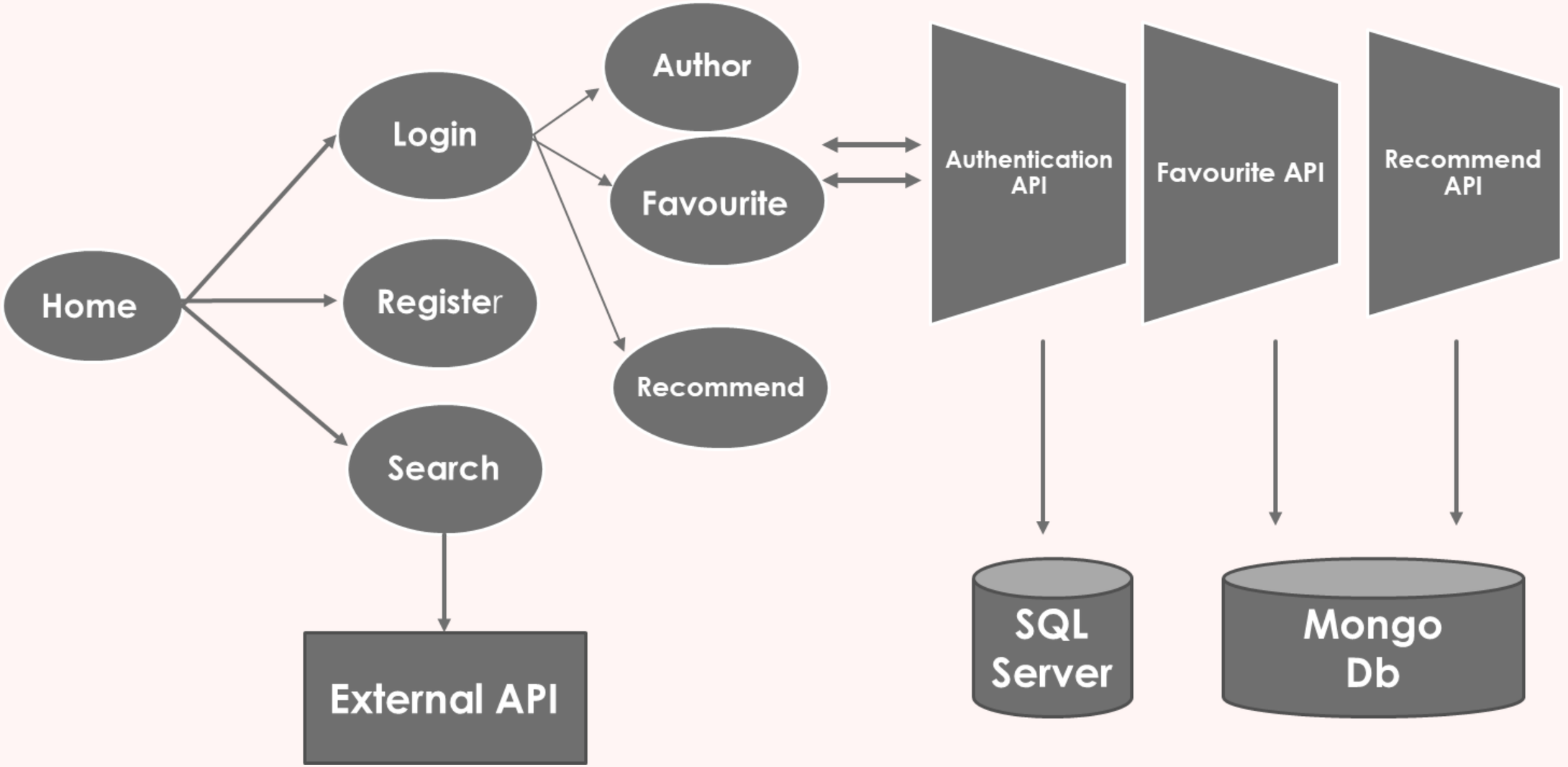


SEARCH BY TITLE/AUTHORS

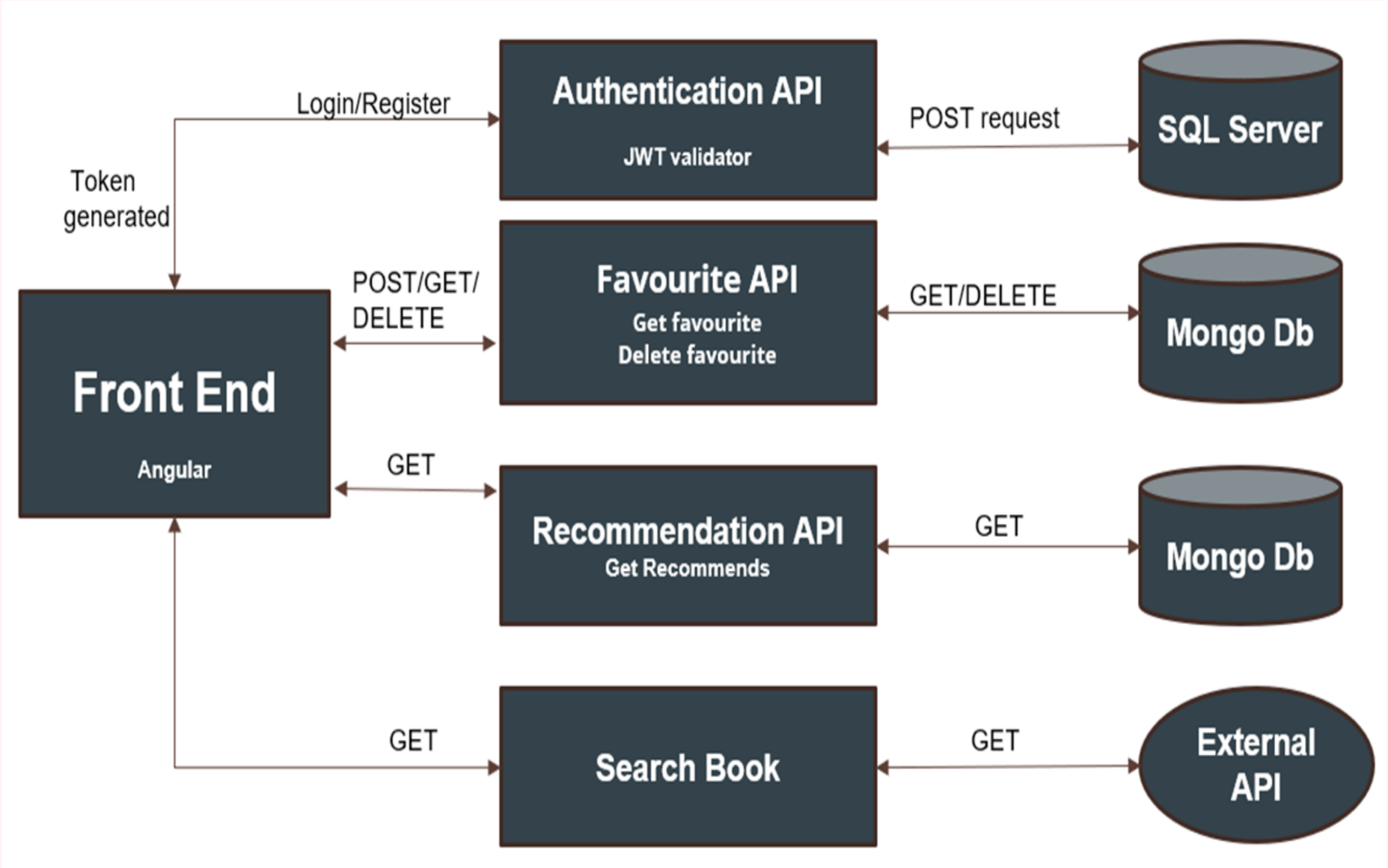
- Through search icon we can search any book according to our need.
- The book can searched by giving input of your favorite title/author into the search bar.
- Once the book is found, the image of the book and other details will be displayed.



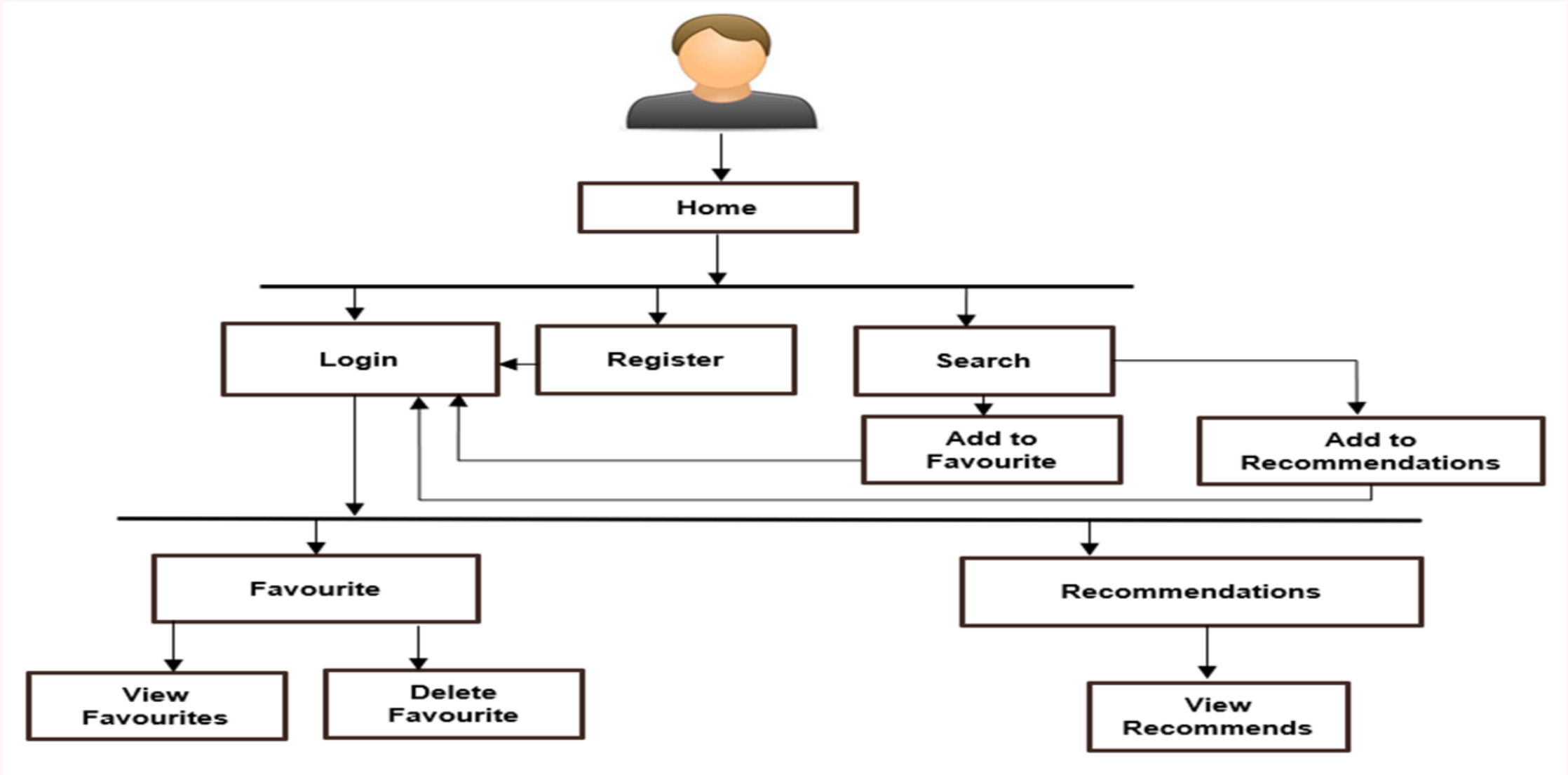
PROJECT ✦ OVERVIEW



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!