

# Book App

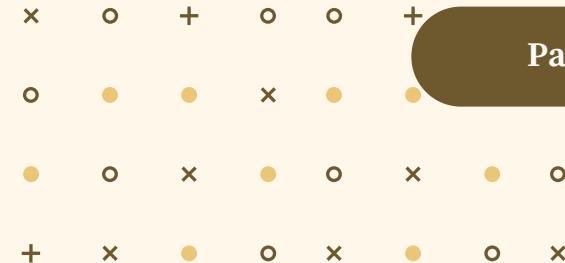
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# Overview

Major sections of this thesis defense presentation



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# Introduction

Customers can access the book app web site from anywhere through the world wide web. User can put details of books and can search it by its title or author. It reduce user's searching time, provide wide collection of book ranges and provide user friendly environment



# Problem Statement

The design and implement an online bookstore.

In the bookstore customer can put details of books and can search it by its title or author, can see other related books, and can be able to save resources to a favorite so that they can access them later.



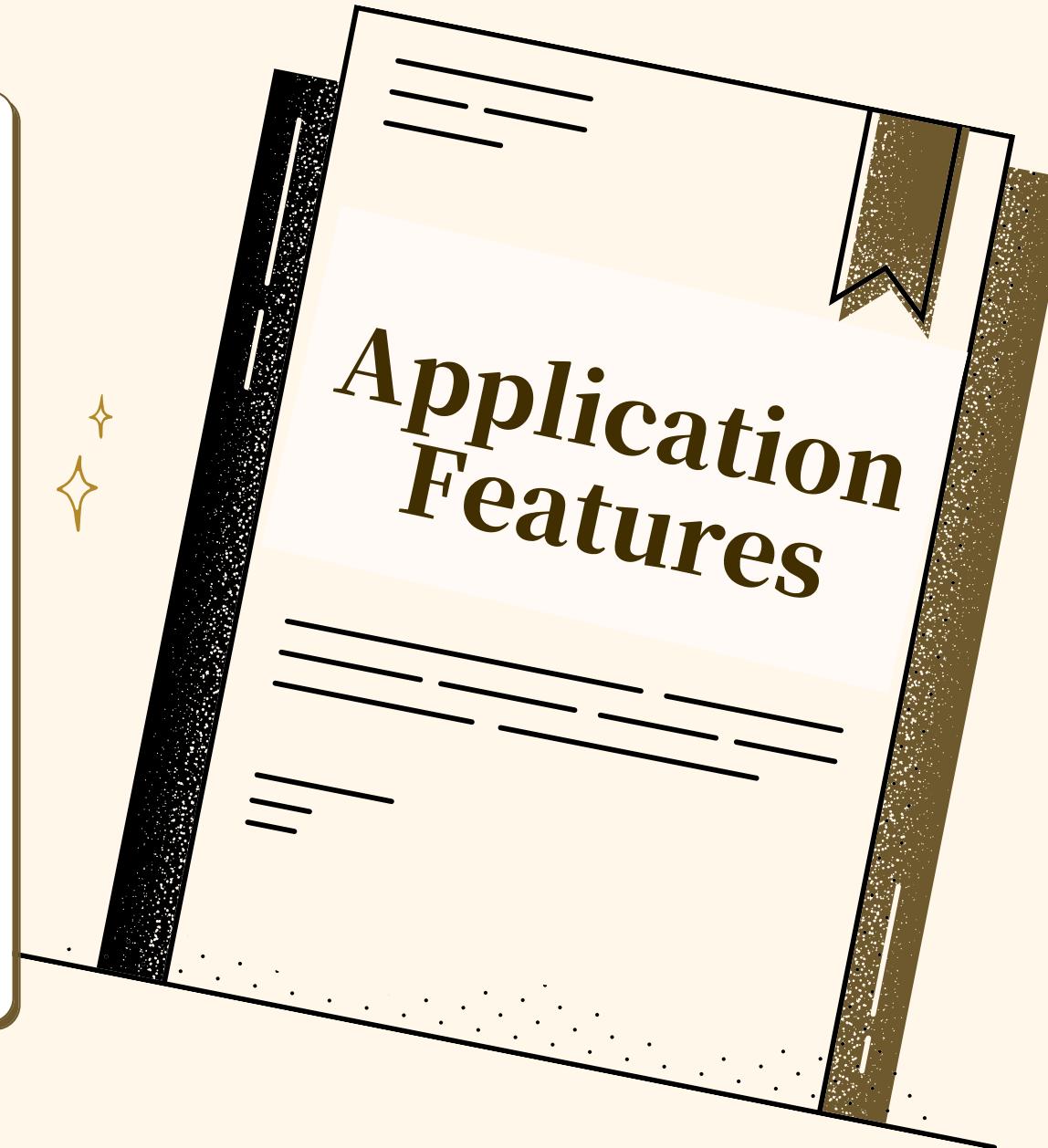
# Objective

The main objective of Online Book App is to provide an essence of online book store via a simple and yet powerful medium.

The project has been designed to simulate the working of an actual book store.



- Register User
- Login User
- Search Books
- Mark Favourite Book



# Angular

**Angular is a platform and framework for building single-page client applications using HTML, CSS and TypeScript. Angular is written in TypeScript.**

## Advantages

- More Lightweight Web Applications.
- Efficient Problem-Solving Patterns.
- Excellent Material Design Library.
- Effective Cross-Platform Development.
- Improved Speed and Performance.
- Faster Development Process.



# Angular Essentials

## Components used in Project

- Home Component
- List Favourite-Item Component
- List Book-Item Component
- Login Component
- Sign up Component
- Navbar Component

## Services used in Project

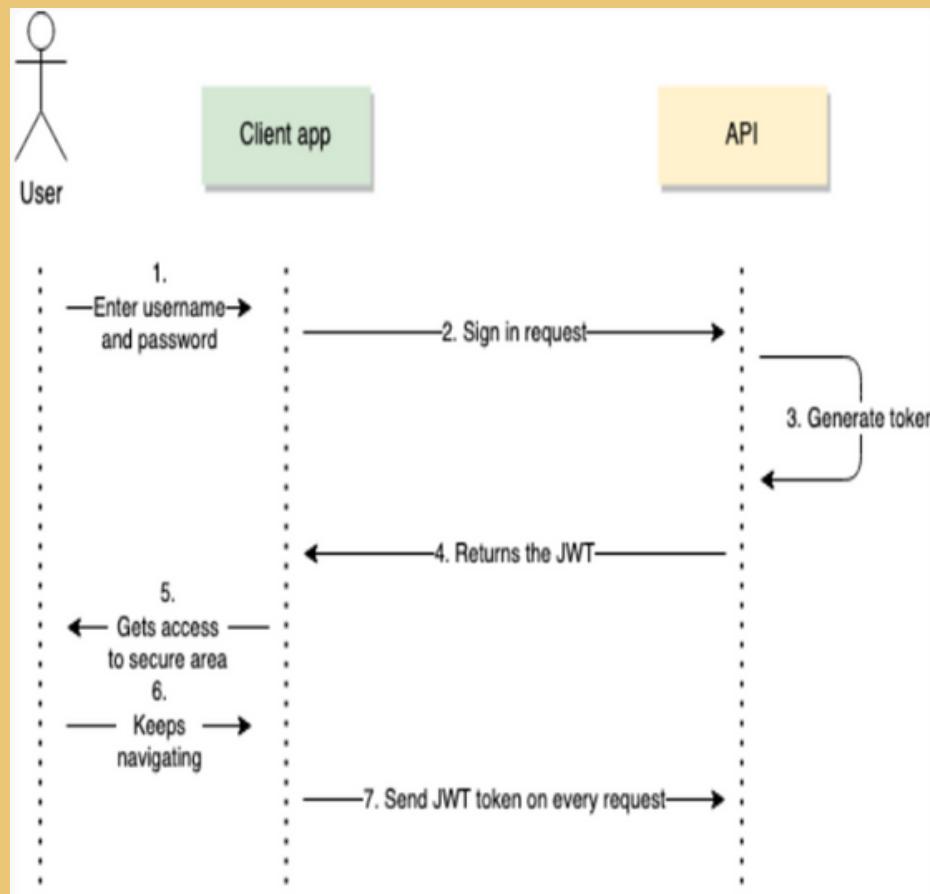
- Google API Service
- Authentication Service
- Router Service
- Internal Service

## Guards used in Project

- Auth Guard: CanActivate

# JWT

JSON Web Token is a type of authentication that deals with an encrypted JSON which we'll call "token".



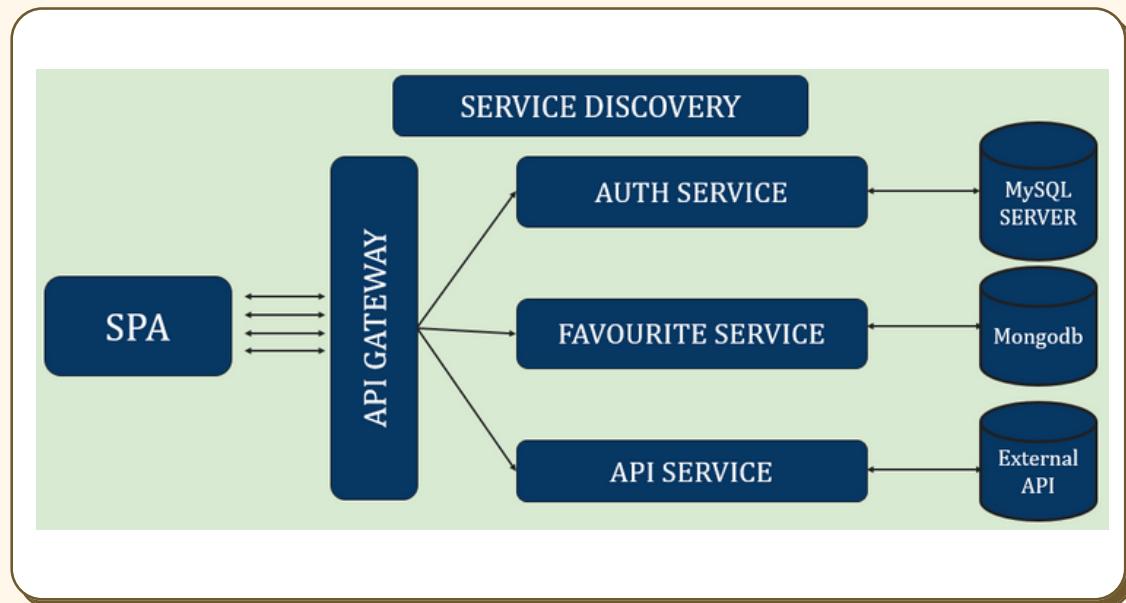
# Microservice

Micro Services Used in Project :

- USER-SERVICE
- RECOMMENDATIO-SERVICE
- GATEWAY-SERVICE
- EUREKA-SERVICE
- FAVOURITE-SERVICE
- COMMENT-SERVICE



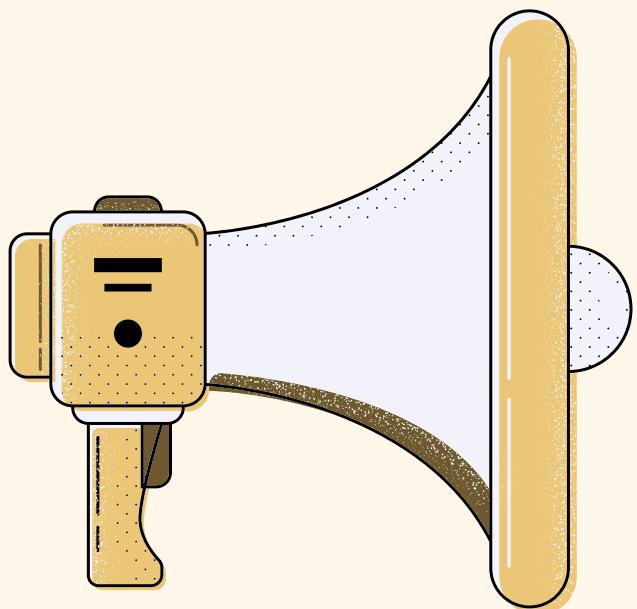
# Architecture



# ✨ Technologies and Tools

- Gitlab
- MySQL
- MongoDB
- SpringBoot
- VS code
- Angular
- Eclipse





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# Conclusion

Online book app is an online web application where the customers can search for a particular Book by its title or author and can add to favourite book cards under favourite section and view all book recommendations from third party books service provider under recommendations section .

# References

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