Securing JavaScript REST API with JSON Web Tokens

PROJECT SET UP, CREATE LOGIN API AND USERS

Deeksha Sharma
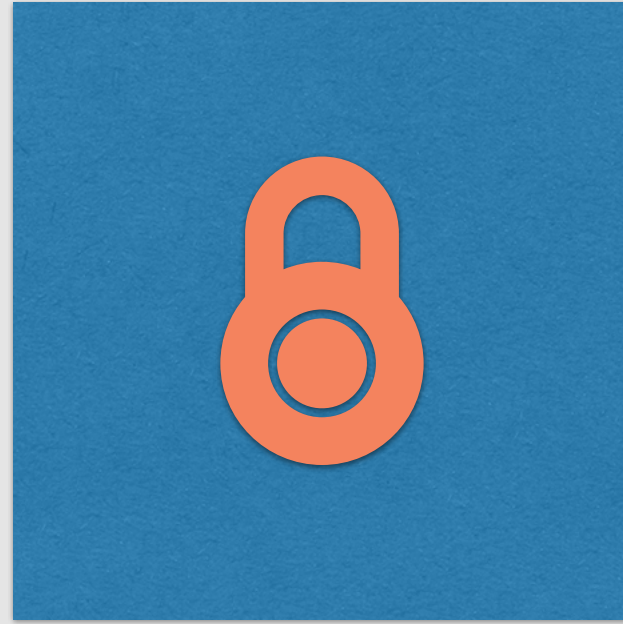CO-FOUNDER AND ENGINEER

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Agenda

- Checkout and run project

- Front-end Code walkthrough

- Develop Login Page UI

- Implement Login Backend API

- DataStore

Introduction

JWT ("Jot")

JSON Web Token

JSON Web token

Member

Login

Logout

View Books
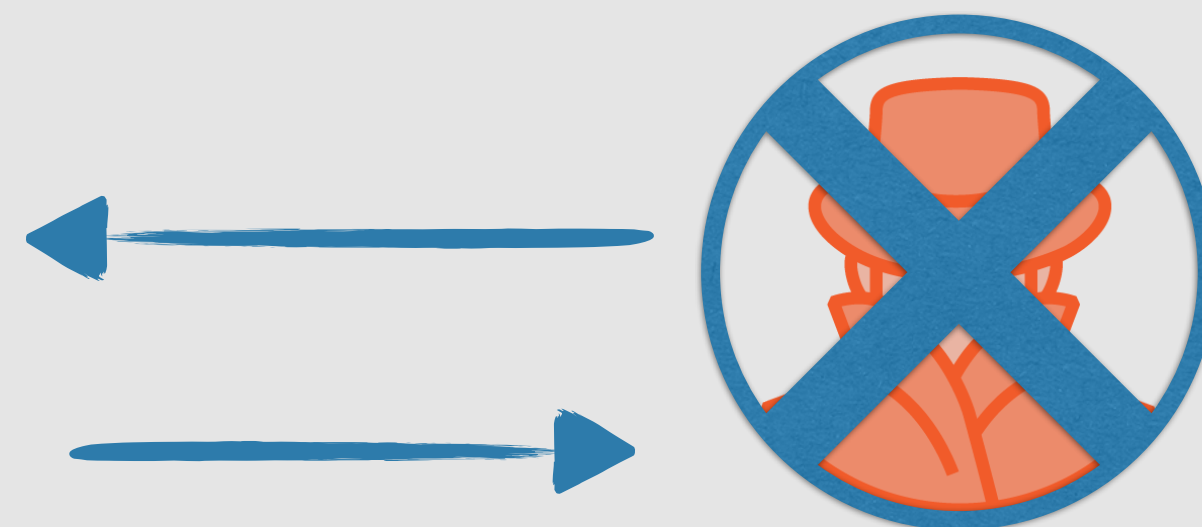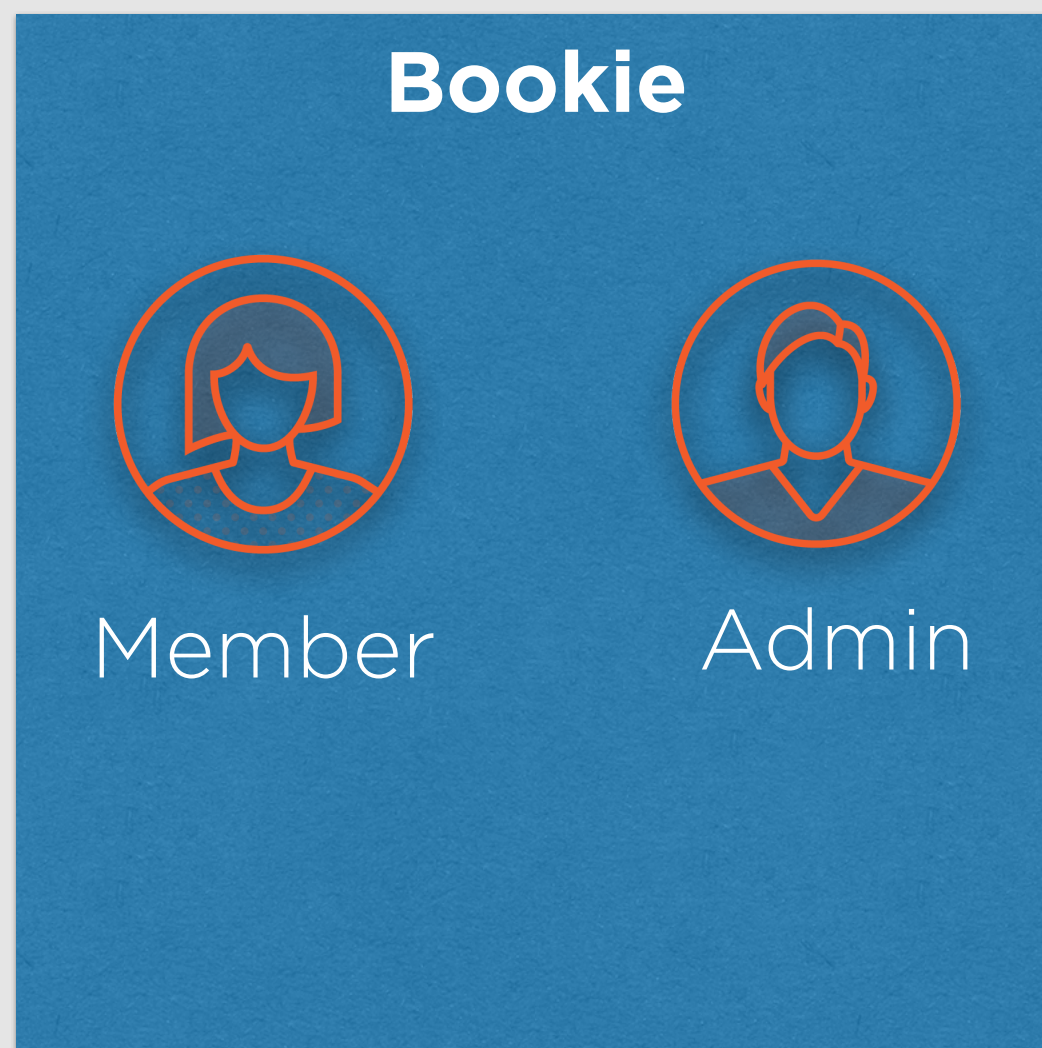
Add To Favorite

Bookie

Member   Admin

Admin

Login
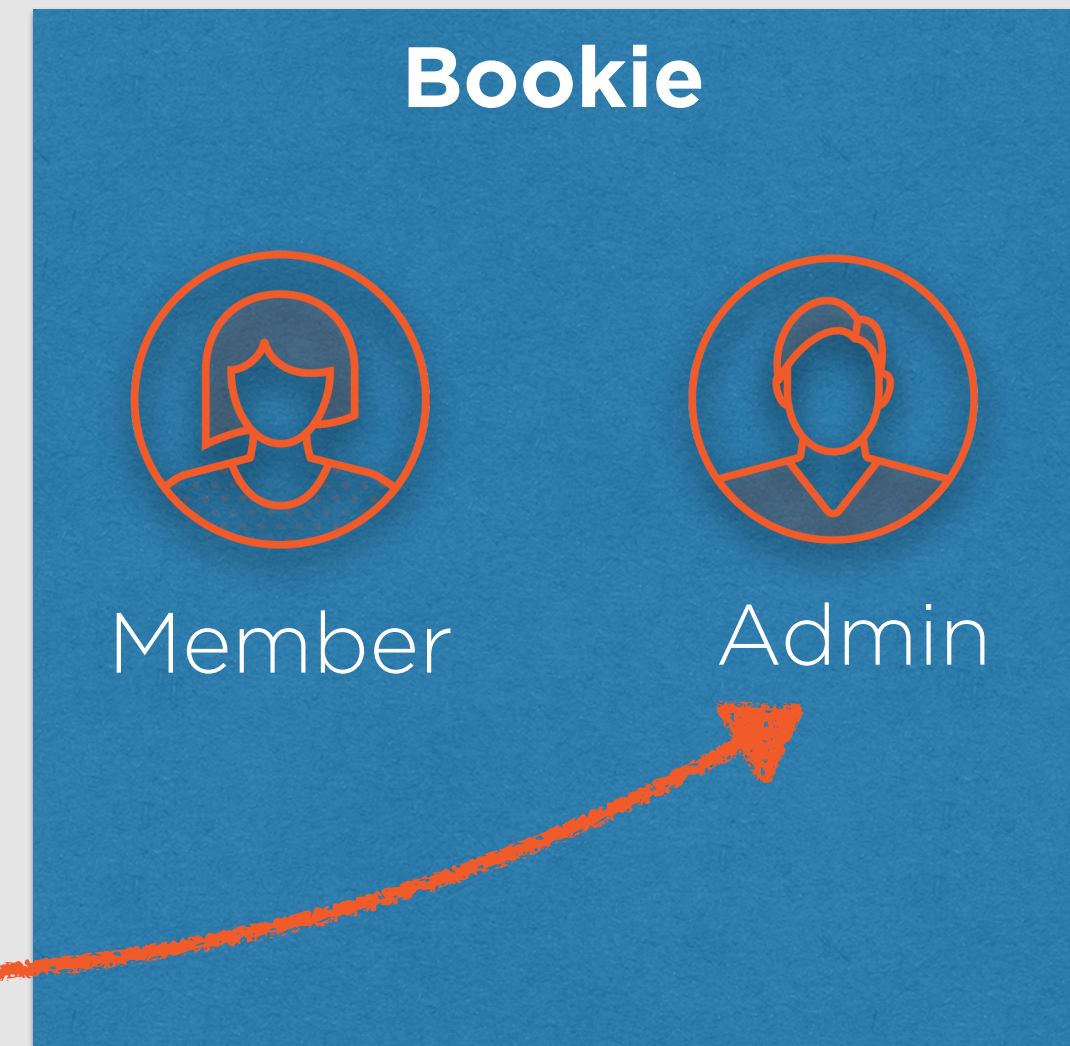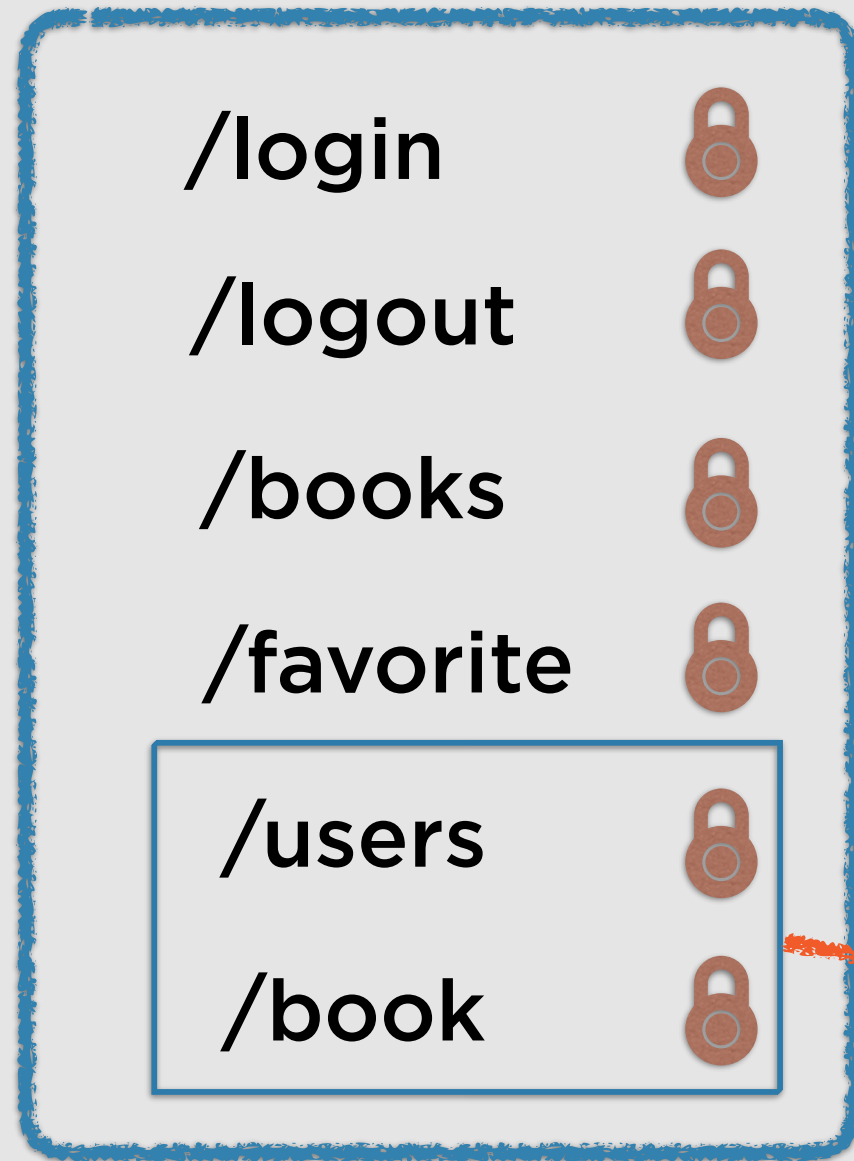
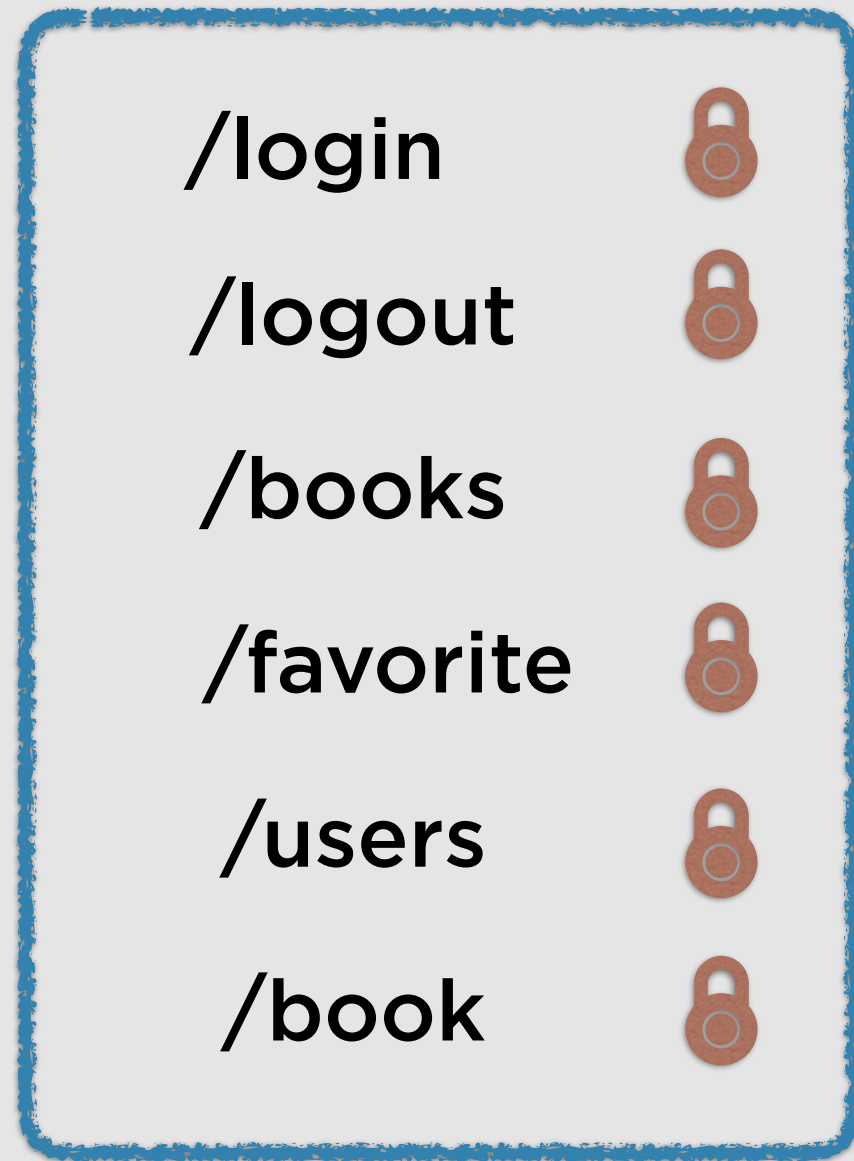Logout

View Books

Add To Favorite

View Users

Add Book

Backend APIs

/login

/logout

/books

/favorite

/users

/book

Bookie

Member

Admin

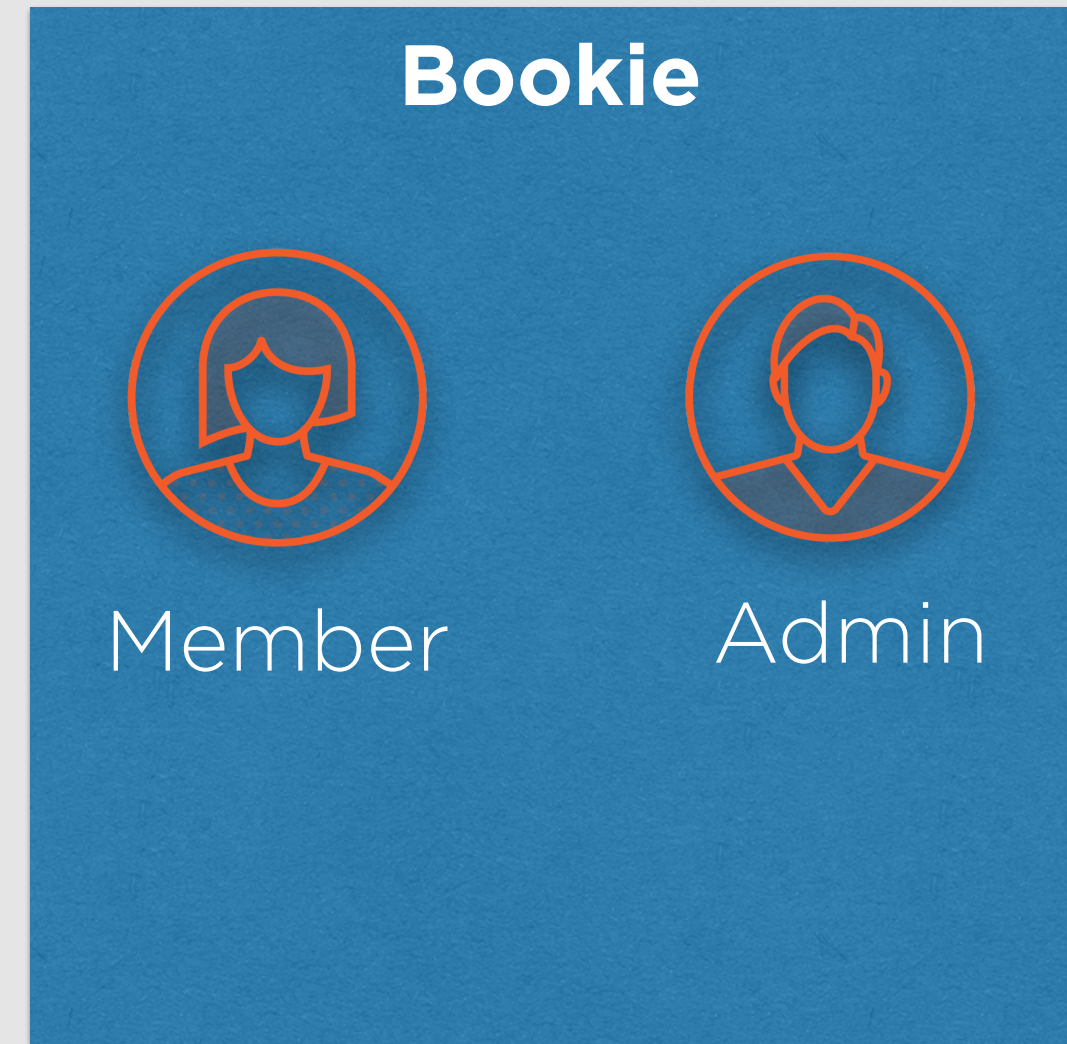# Backend APIs

/login 🔒

/logout 🔒

/books 🔒

/favorite 🔒

/users 🔒

/book 🔒

Bookie

Member   Admin

Backend APIs

JSON Web Token

/login 🔒

/logout 🔒

/books 🔒

/favorite 🔒

/users 🔒

/book 🔒

Claims

Bookie

Member   Admin

Backend APIs

Server checks JWT

/login 🔒
/logout 🔒
/books 🔒
/favorite 🔒
/users 🔒
/book 🔒

Login request

JWT

Login Success!
New JWT + Data

Bookie

Member   Admin

Backend APIs

Server checks JWT

/login 🔒

/logout 🔒

/books 🔒

/favorite 🔒

/users 🔒

/book 🔒

JWT

New JWT + Data

Bookie

Member

Admin
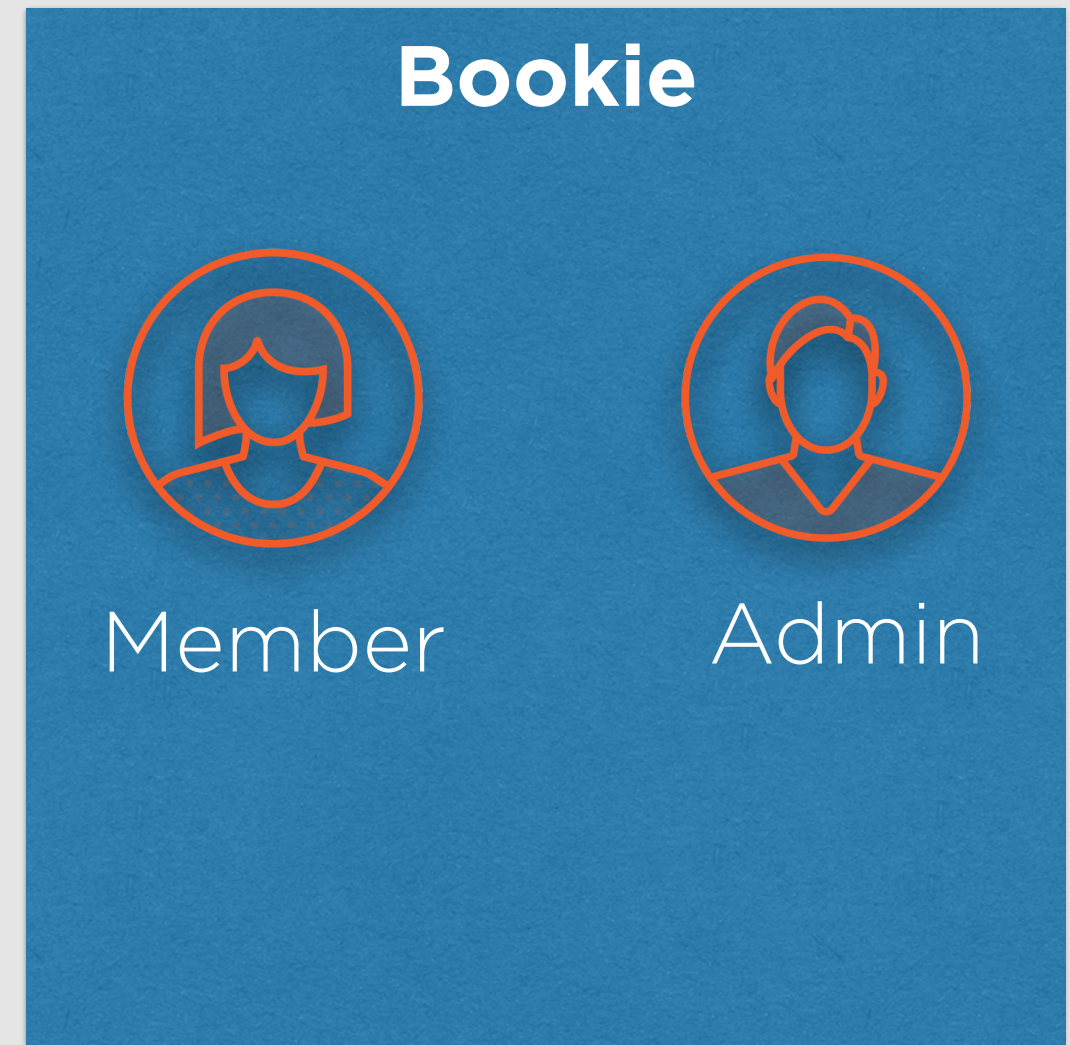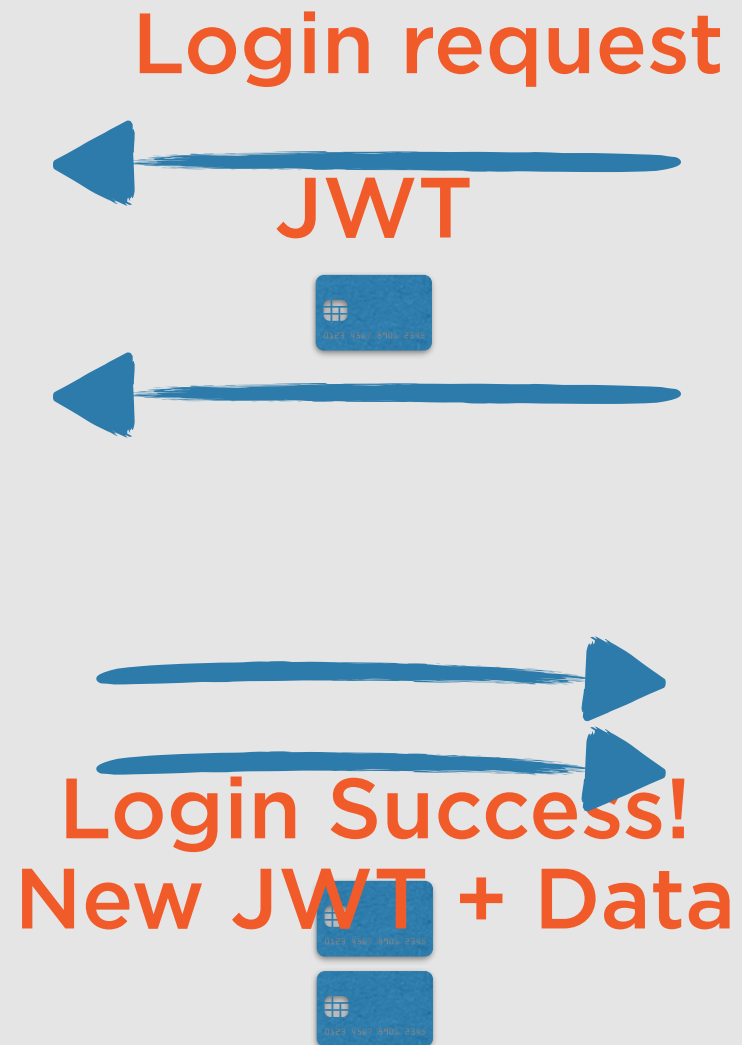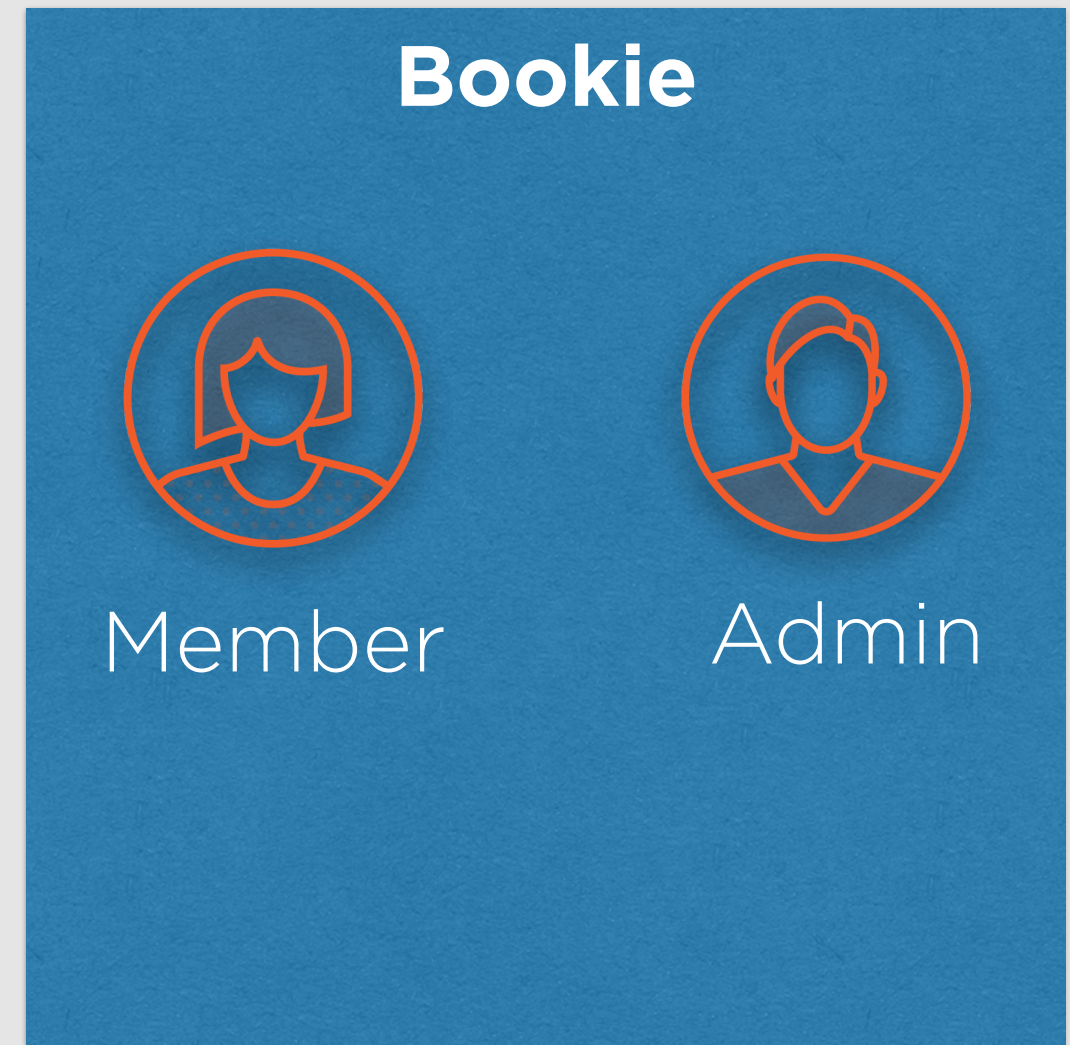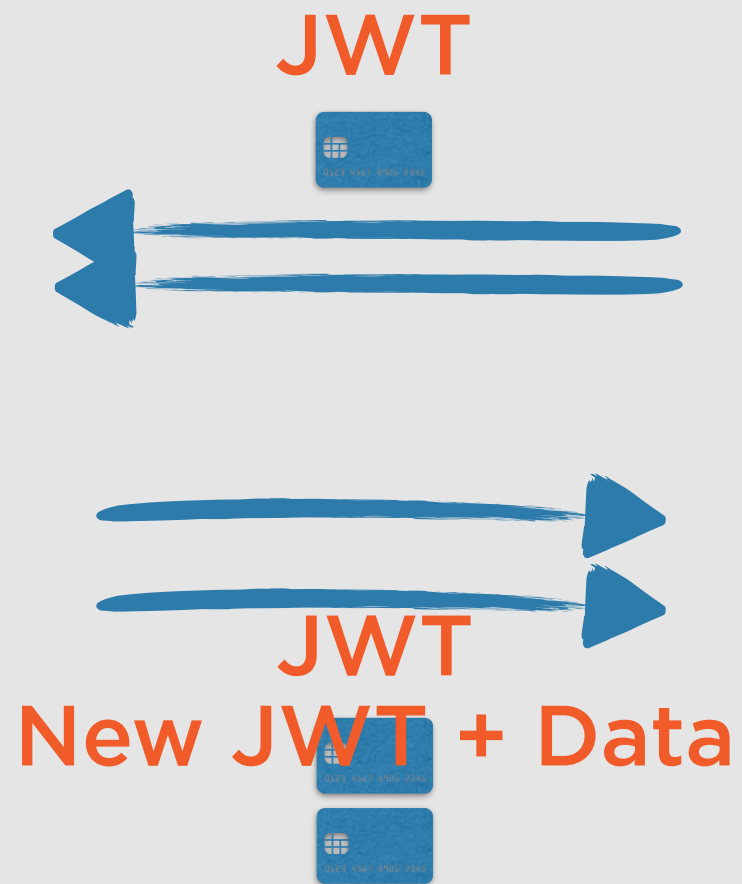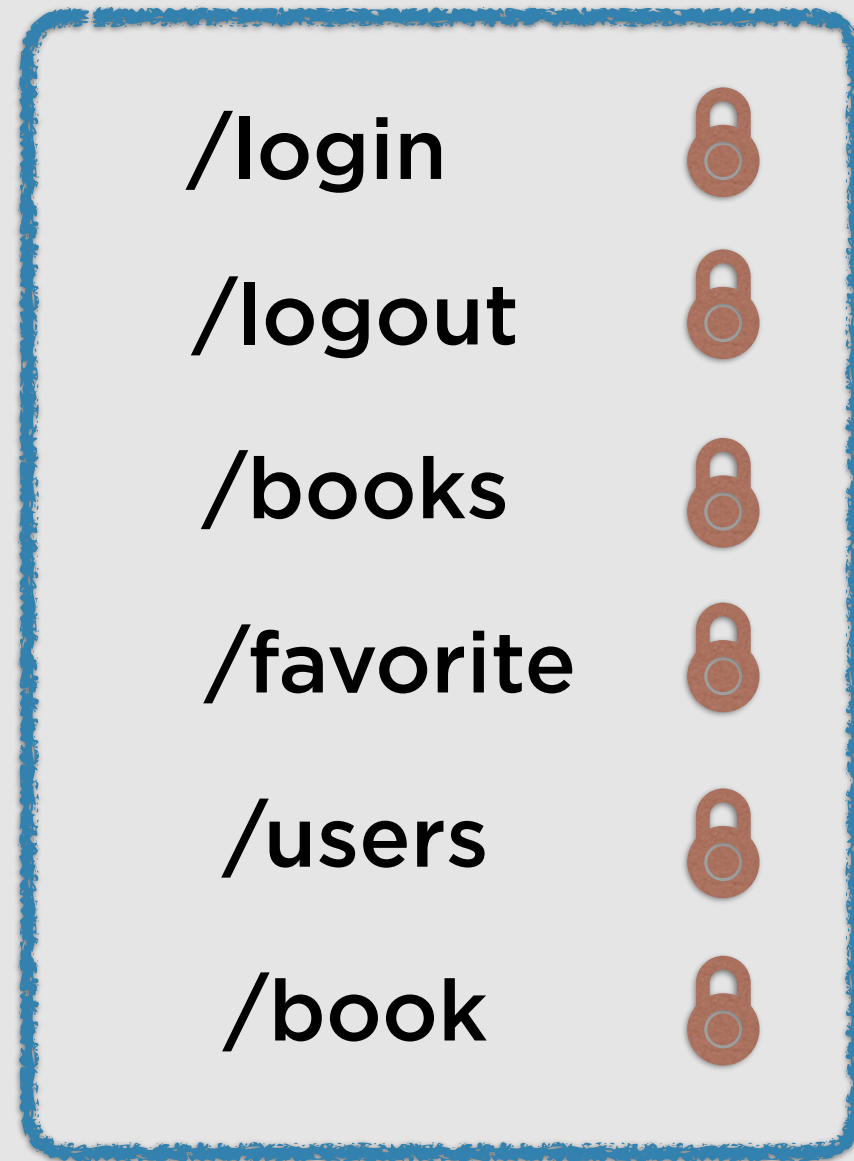
Project Setup and App Overview

Fork GitHub Repository

https://github.com/deekshasharma/secure-js-api-jwt

Checkout Project Locally

git clone https://github.com/<username>/secure-js-api-jwt

Note: You must replace the <username> with your own GitHub username.

Frontend and Backend Code Review

Summary

- Project is running

- Completed code walkthrough

- Login Page UI complete

- Login Backend API implemented

- DataStore