

# Bookify

Online BookStore Management  
System





# Project Overview

This Bookify, Online Book Management and Shopping system.

This application works in Web browser and uses a backend service for Database operations.



# Back-End

- First Setup as Template: MVC Designed with JPA, Hibernate, PostgreSQL, Spring Boot and Maven.
- Used JWT (Json Web Token) as tokenizer for security
- Advanced relations between tables added.
- Lots of attributes and End-Points added to controllers synchronously..



# Front-End

- Used React.js as frontend framework which is written in JavaScript
- Used Axios library for sending requests to backend
- Used Material-UI and Bootstrap as Component Library
- Used React.js Library



# Project Manager

*Atakan Ayyıldız - 21526681*

As a project manager: I mostly worked on managing reports. Risk managements, time managements. And cooperative work was done with the tester like handling test cases.

As a developer: I worked on front-end. I wrote codes of Add book, my account (user account), sign up (register), login, app components.



# Configuration Manager

*Göktuğ CANDEMİR 21627064*

In this project, I had two roles. Configuration Manager and Developer . As a Configuration Manager, I tried maintaining consistency of a product's performance, functional, and physical attributes with its requirements and design.

I also took part in the front end developer. I have completed some use cases like rate/review, payment module ,shipping module and main page. I also designed some pages like the promotion page etc.



# System Architect

*Ismet Okatar-21727542*

As Architect- I Created the architecture and designed the frontend part of our system. I decided which technology to use in the system and decided to go on with Reactjs framework. I also worked like as a team Lead and integrated the code written by frontend developers.

As a Developer- Due to my previous work experience in frontend development I worked in the frontend part of our team as a team lead. Developed View Books, Card System, Manage Customers, Search System.



# Software Tester

*Muhammed* Aydoğan - 21726952

I designed a template for backend to give a start. I connected database and then after we populate tables and attributes and relations between entities, I added jwt security. Ege also helped in this section, he embedded some codes to Jwt Security package. I also tested almost every end point of the system. I noticed that a system with Jwt security has some pros and cons.





# Software Analyst

*Ege Çınar - 21627136*

As an analyst I designed logical relations between objects. I designed the database tables and decided necessary fields in model objects. I designed which variables will be returned in data transfer objects.

As a developer I developed order object and controller. Added writer and category feature to book objects. I implemented dynamic search for books. I added rating support to book objects.