



# My Little Bookstore

## Software Design

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### Team Traders

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# Problem & Solution

## **Problem**

- Book lovers desire a community to trade books and share knowledge and thoughts about them.

## **Solution**

- “My Little Bookstore” creates such a community by allowing users to upload the books they would like to sell and share opinions.

# Requirement/Design Changes

Chat between  
users

Book request  
accept/decline

# Book Request Accept/Decline



## My Little Bookstore

[Home](#) [Browse](#) [Discussion](#) [My Bookstore](#) [Profile](#)

[Logout](#)

### DongHun's Bookstore

Date Added	Title	Author	Price	Rating	edit	del	Requests
2019/09/04	<a href="#">Harry Potter and the Philosopher</a>	<a href="#">J.K. Rowling</a>	\$15	★★★★★			0
2019/09/04	<a href="#">Harry Potter and the Chamber of Secrets</a>	<a href="#">J.K. Rowling</a>	\$16	★★★★★			0
2019/09/28	<a href="#">Harry Potter and the Prisoner of Azkaban</a>	<a href="#">J.K. Rowling</a>	\$15	★★★★☆			1
2020/01/05	<a href="#">Harry Potter and the Order of the Phoenix</a>	<a href="#">J.K. Rowling</a>	\$17	★★★★★			0
2020/05/17	<a href="#">Harry Potter and The Goblet of Fire</a>	<a href="#">J.K. Rowling</a>	\$20	★★★☆☆			0
2020/06/25	<a href="#">Harry Potter and the Half-Blood Prince</a>	<a href="#">J.K. Rowling</a>	\$10	★★★★☆			1
2020/07/30	<a href="#">Harry Potter and the Deathly Hallows – Part 1</a>	<a href="#">J.K. Rowling</a>	\$13	★★★★☆			0
2020/08/01	<a href="#">Harry Potter and the Deathly Hallows – Part 2</a>	<a href="#">J.K. Rowling</a>	\$30	★★★☆☆			0

[See Request](#)

[See Request](#)

[Add Books](#)

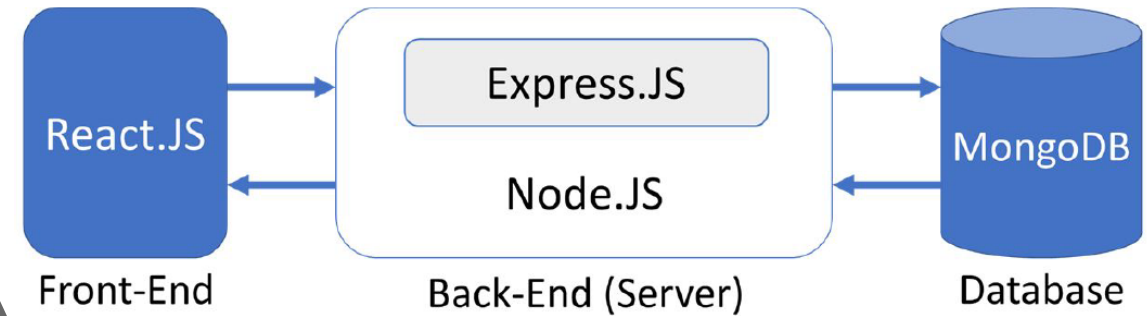
# Architectural Design & Technology

MVC Pattern – Model, View, Controller

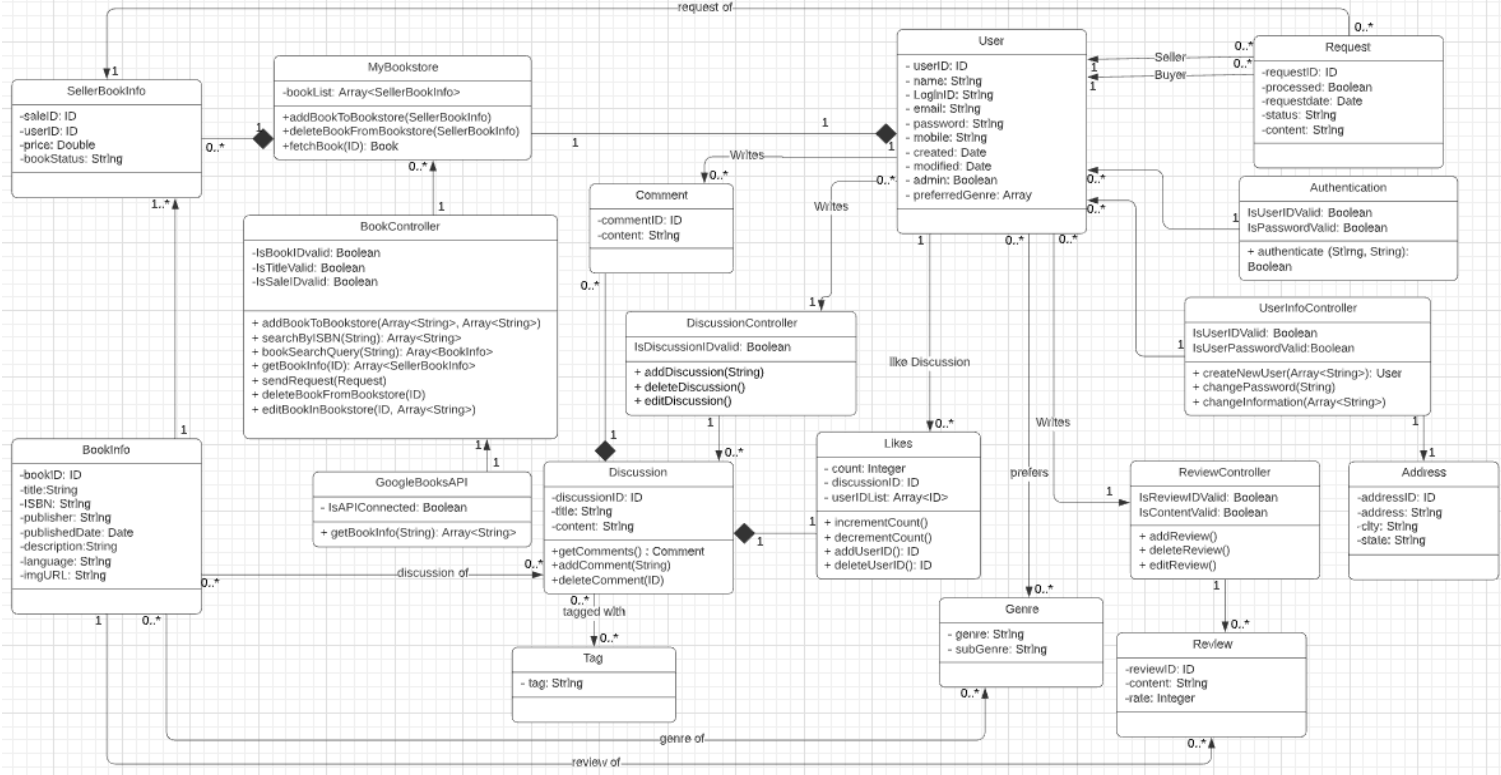
MERN Stack – MongoDB, Express, React,  
Node.js

React-Bootstrap, Google Books API,  
GraphQL

Heroku



# UML Class Diagram

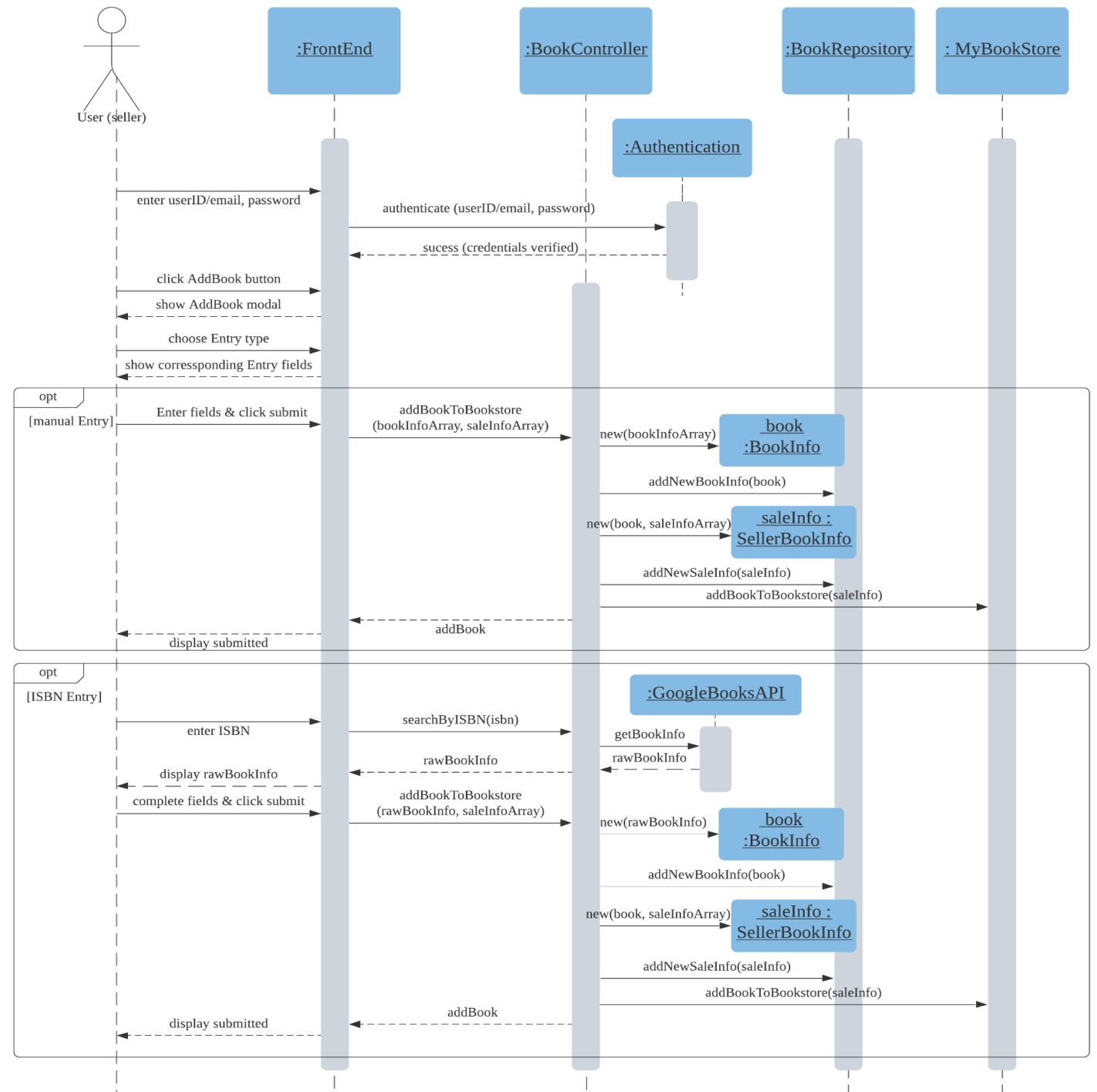


[Link to UML Class Diagram](#)

# UML Sequence Diagram

## 1. Add Books

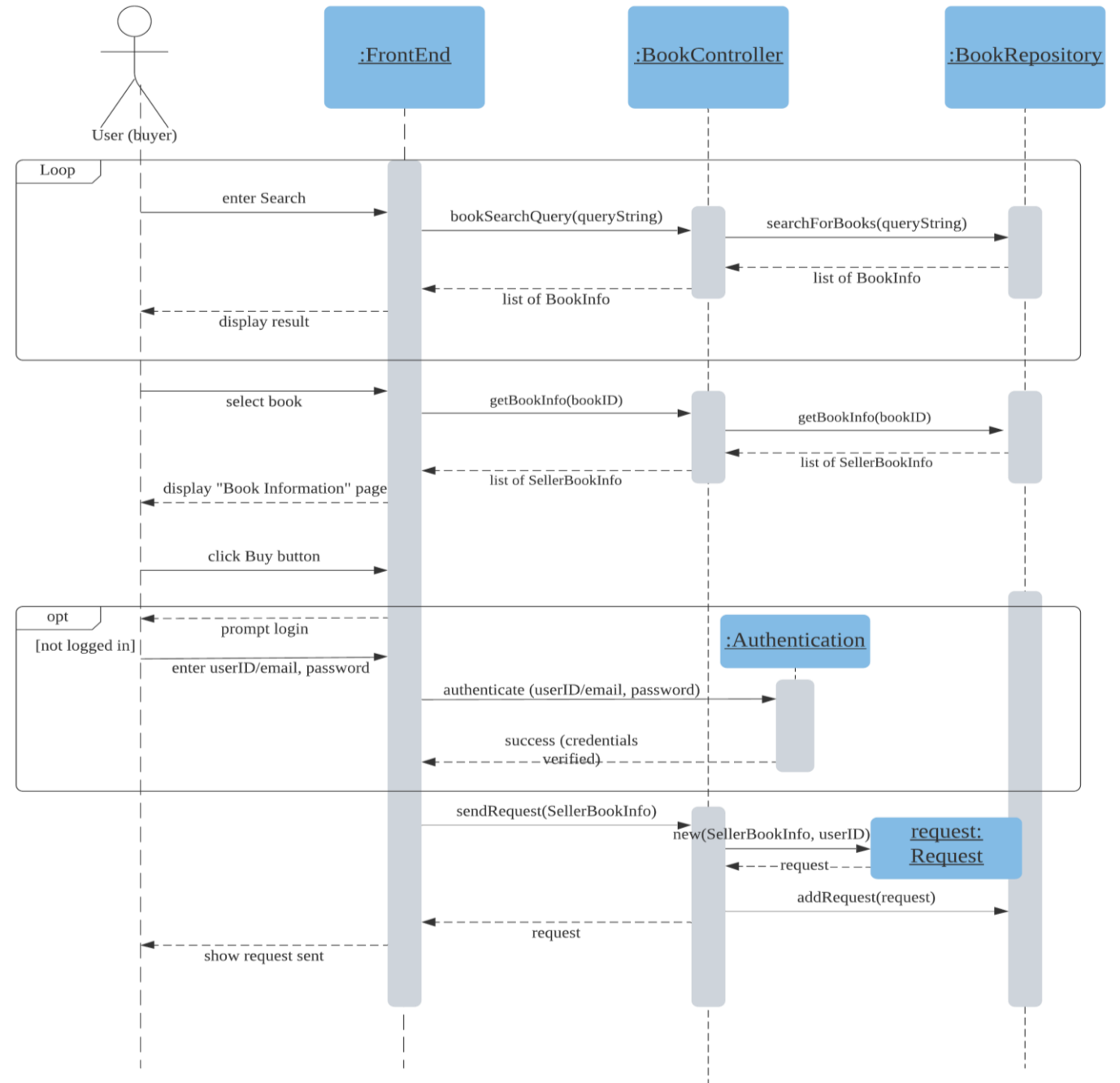
[Link to Sequence Diagram](#)



# UML Sequence Diagram

## 2. Browse Books & Book Request

[Link to Sequence Diagram](#)





# Schedule

- [Link to Schedule](#)



# Conclusion



Thank You!