**Instruction to setup the project**

The project is built using React as frontend and Spring boot as backend and MySql Database.

Download the code from github.

Navigate into frontend folder and run the command npm run start in order to start the application.

Before running the Spring boot Application go the application.properties and change the SQL database configuration there.

Change the URL according to your database and specify the database name here.

In this case scanbuy is the database I created.

Create a database in Mysql before running the backend Application.

spring.datasource.url=jdbc:mysql://localhost:3306/scanbuy

After running the application table would be created.

**Application Functionality**

The User can give the ISBN and click search. The Application will go first find the data in the database. If the data is present in the database, then the data from the database is shown or else the ISBN is looked into the Google book API.

Add button is shown in case the data is coming from the API or else Delete button is shown if it is coming from Database.

The User can delete the data and add the data by providing the ISBN.

Before adding the book to the database, the given ISBN is checked for whether the book has been read or not and added to the database accordingly.

The application works now only with my user id. You can specify your google books userid in the URL below and test.

https://www.googleapis.com/books/v1/users/UserID/bookshelves/4/volumes