CA3: Bookstore DB

Due date 21/12/2023

For this assignment, you are requested to use **React and MongoDB** to create an app for a small bookstore. The admin of the system should be able to insert, read, update, and delete book details. As a minimum the book details stored should include: title, ISBN, author, book category (fiction, history, children, educational etc.), price and number in stock.

To help admin with book insertions, a facility to add books from a JSON file should be provided.

The system also needs to provide an interface that allows customers to search and buy books. The book searches should be on title, genre and author. Customers may select/view an individual book either by book title or the ISBN before purchasing. Customer should be allowed to buy more than one copy of a book but no more than five copies of a book.

For the app GUI, use features like switching dark/ light backgrounds as used in Tailwindcss.

A GitHub repository has been setup for each student for this CA. Evidence of regular updates must be shown throughout the CA. Failure to commit and pull code on GitHub will result in no marks been awarded.

Marking scheme

Admin CRUD ops	30%
Updating book stock amounts	10%
Automatic insertion from file	10%
Search for book Title/Genre/Author	20%
Web GUI	30%