Objective

Your assignment is to implement a bookstore REST API using C# and .Net Core.

Tasks

■ Framework: .Net Core - .Net Core WebApi Application is created for the task.

■ Implement a book model with title, description, author, cover image and price - BookModel consists of title (string), description (string), author (string), cover image (string) and price (float) properties.

■ Implement a REST endpoint for the /books resource with CRUD operations (returns JSON) - The REST API calls for CRUD operations are made from the Controller. All the updates or deletes take place through the Controller as well.

■ Implement an in-memory book repository and give it two default items - In-memory data is configured with the application in Startup.cs. Get Method of controller is called which displays two default items from the in-memory repository. BooksContext object is called in the form of the BookModel data.

■ Submit Postman collection for REST endpoints –

GET A screenshot of a social media post

Description automatically generated

DELETE

A screenshot of a social media post

Description automatically generated

POST

A screenshot of a social media post

Description automatically generated

PUTA screenshot of a social media post

Description automatically generated