# Book API Documentation

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## Installation

1. Clone this repository:  
 ```bash  
 git clone <your-repo-url>  
 cd book-api  
 ```  
  
2. Install the dependencies:  
 ```bash  
 npm install  
 ```  
  
3. Ensure MongoDB is running on your local machine.  
  
4. Start the server:  
 ```bash  
 node app.js  
 ```

## API Endpoints

- \*\*GET\*\* `/api/books`: Retrieve all books  
- \*\*POST\*\* `/api/books`: Add a new book  
- \*\*PUT\*\* `/api/books/:id`: Update a book by ID  
- \*\*DELETE\*\* `/api/books/:id`: Remove a book by ID

## Postman Collection

A Postman collection is included in the project as `postman.json`. You can import this collection into Postman to test the API endpoints.

## Database Schema

The database schema for the books collection includes the following fields:  
- \*\*title\*\*: String, required  
- \*\*author\*\*: String, required  
- \*\*publishedYear\*\*: Number, required  
- \*\*genre\*\*: String, required

## Usage

You can test the API using Postman with the provided collection. Here’s how to add a new book:  
  
1. Use the \*\*POST\*\* method with the following body:  
 ```json  
 {  
 "title": "The Great Gatsby",  
 "author": "F. Scott Fitzgerald",  
 "publishedYear": 1925,  
 "genre": "Novel"  
 }  
 ```  
  
2. Replace `{{id}}` in the update and delete requests with the actual book ID.

## License

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