1. Create User

|  |  |
| --- | --- |
| API | POST http://localhost:8080/api/auth/signup |
| Request | {      "username":"limyonghui2",      "password":"limyonghui2",      "email":"limyonghui2@hotmail.com",      "role":["user"]  } |
| Response | {      "message": "User registered successfully!"  } |

1. Login User

|  |  |
| --- | --- |
| API | POST http://localhost:8080/api/auth/signin |
| Request | {      "username":"limyonghui2",      "password":"limyonghui2"  } |
| Response | {      "id": 18,      "username": "limyonghui2",      "email": "limyonghui2@hotmail.com",      "roles": [          "ROLE\_USER"      ],      "accessToken": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJsaW15b25naHVpMiIsImlhdCI6MTcwMjI3MzEwNCwiZXhwIjoxNzAyMzU5NTA0fQ.Q8jMeiuiPiglSGNK\_zYSJkdAOT3haegcVK5FCtFVfo8",      "tokenType": "Bearer"  } |

1. Add book

|  |  |
| --- | --- |
| API | POST http://localhost:8080/api/book/addBook |
| Request | {      "isbn":"00005",      "title":"The Hobbit",      "authors":["Tolkien"],      "year":1937,      "price":50.50,      "genre":"Fantasy"  } |
| Response | {      "isbn": "00005",      "title": "The Hobbit",      "authors": [          "J. R. R. Tolkien"      ],      "year": 1937,      "price": 50.5,      "genre": "Fantasy"  } |

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Description automatically generated

1. Update book

|  |  |
| --- | --- |
| API | POST http://localhost:8080/api/book/updateBook/00005 |
| Request | {      "isbn":"00005",      "title":"The Hobbit",      "authors":["Tolkien","Agatha Christie"],      "year":1940,      "price":50.50,      "genre":"Fantasy"  } |
| Response | {      "isbn": "00005",      "title": "The Hobbit",      "authors": [          "Tolkien",          "Agatha Christie"      ],      "year": 1940,      "price": 50.5,      "genre": "Fantasy"  } |

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1. find books by title and author

|  |  |
| --- | --- |
| API | POST http://localhost:8080/books |
| Request | {      "title":"The Young Guard",      "author":"Alexander"  } |
| Response | [      {          "isbn": "00004",          "title": "The Young Guard",          "authors": [              "Alexander",              "Alexandrovich",              "Fadeyev"          ],          "year": 1945,          "price": 77.5,          "genre": "Young adult historical novel"      }  ] |

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1. A) Delete book without login User role

|  |  |
| --- | --- |
| API | DELETE http://localhost:8080/api/book/deleteBook/00005 |
| Request |  |
| Response | {      "path": "/api/book/deleteBook/00005",      "error": "Unauthorized",      "message": "Full authentication is required to access this resource",      "status": 401  } |

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1. Delete book with JWT Token

|  |  |
| --- | --- |
| API | DELETE http://localhost:8080/api/book/deleteBook/00005 |
| Header | Add in Bearer Token : eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJsaW15b25naHVpMiIsImlhdCI6MTcwMjI3MzEwNCwiZXhwIjoxNzAyMzU5NTA0fQ.Q8jMeiuiPiglSGNK\_zYSJkdAOT3haegcVK5FCtFVfo8 |
| Request |  |
| Response |  |

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