

# Book EndPoint

## POST /book/add

- **Description:** Add a new book
- **Parameters:** title, author, description, image

## PUT /book/edit

- **Description:** Edit an existing book

- **Body:**

```
{
  "title": "hi1",
  "new_title": "hello1",
  "new_author": "Mg All"
}
```

- **Response:**

```
{
  "id": 6,
  "title": "Hehe6",
  "description": "hello",
  "available": true,
  "path": "/static/img/20240701214418_c3f9f5ede79df1007e343116ee823a96.png",
  "userEmail": null,
  "returnDate": null,
  "author": {
    "id": 1,
    "name": "Mg Zaw"
  }
}
```

## GET /book

- **Description:** Get all books

## GET /book/

- **Description:** Get a specific book by ID
- **Response:**

```
{
  "id": 6,
  "title": "Hehe6",
  "description": "hello",
  "available": true,
  "path": "/static/img/20240701214418_c3f9f5ede79df1007e343116ee823a96.png",
  "userEmail": null,
  "returnDate": null,
  "author": {
    "id": 1,
    "name": "Mg Zaw"
  }
}
```

## DELETE /book/delete

- **Description:** Delete a book
- **Body:**

```
{
  "title": "Hehe3"
}
```

## POST /book/borrow/

- **Description:** Borrow a book by ID
- **Response:**

```
{
  "id": 6,
  "title": "Hehe6",
  "description": "hello",
  "available": false,
  "path": "/static/img/20240701214418_c3f9f5ede79df1007e343116ee823a96.png",
  "userEmail": "tester02@java.com",
  "returnDate": "2024-07-08",
  "author": {
    "id": 1,
    "name": "Mg Zaw"
  }
}
```

## POST /book/return/

- **Description:** Return a book by ID

- **Response:**

```
{
  "fees": 150,
  "book": {
    "id": 5,
    "title": "Hehe5",
    "description": "hello",
    "available": true,
    "path": null,
    "userEmail": null,
    "returnDate": "2024-07-08",
    "author": {
      "id": 1,
      "name": "Mg Zaw"
    }
  }
}
```

---

## Authentication EndPoint

### POST /auth/admin

- **Description:** Admin login
- **Body:**

```
{
  "email": "admin01@spring.com",
  "password": "admin"
}
```

- **Response:**

```
{
  "key": "2b6c06a9-1ce8-4c21-b67c-9da1142a9648"
}
```

### POST /auth

- **Description:** Admin login
- **Body:**

```
{
  "email": "admin01@spring.com",
  "password": "admin"
}
```

- **Response:**

```
{
  "key": "2b6c06a9-1ce8-4c21-b67c-9da1142a9648"
}
```

---

## Admin EndPoint

POST /admin/add

- **Description:** Add a new admin
- **Body:**

```
{
  "email": "admin01@spring.com",
  "password": "admin01"
}
```

---

## Author EndPoint

POST /author/add

- **Description:** Add a new author
- **Body:**

```
{
  "name": "Mg Zaw"
}
```

GET /author

- **Description:** Get authors' information
-

# User EndPoint

## POST /user/add

- **Description:** Add a new user
- **Body:**

```
{  
  "email": "tester02@java.com",  
  "role": "bachelor",  
  "fullName": "tester02",  
  "password": "tester02"  
}
```

---

# User Profile

## GET /profile

- **Description:** Get personal details