REST – GET – Template

# **Version**

*1.0*

# **API**

|  |  |  |  |
| --- | --- | --- | --- |
| **Method** | **Endpoint** | **Description** | **Status** |
| GET | /loans/all-loans | Retreive all loans | APPROVED |

## Response Data Fields

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **Format** | **Description** |
| id | int | [0-9] | Id of the loan |
| customer | String | [A-Z0-9\-]+ | Customer name |
| staff | String | [A-Z0-9\-]+ | Staff name |
| loanDate | Date | yyyy-mm-dd | Date of creation of loan |
| returnDate | Date | yyyy-mm-dd | Date of expiration of loan |
| books | List | [A-Z0-9\-]+ | List of books affected by the loan |

# **Example Request/Response**

## Example 1. Item Found

|  |  |  |  |
| --- | --- | --- | --- |
| **Request** | | **Response** | |
| **HTTP Mettod** | **GET** | **HTTP Status** | **200 OK** |
| **URL** | https://localhost:8080/v1/library/management/loans/all-loans |  |  |
| **Headers** | **accept: application/json** | **Headers** | **content-type: application/json** |
| **Data** |  | **Data** | [ {  “id”: “number”,  “customer”: “customer name”,  “staff”: “staff name”,  “loanDate”: “some date”,  “returnDate”: “some date”,  “books”: {“Book: {  “id”: “number”,  “name”: “book name”,  “edition”: “number edition”,  “editorial”: “editorial name”,  “books”: “number of books”,  “category”: “category name”,  “Authors”: {“Author: {  “id”: “number”,  “name”: “author name”,  “lastName”: “author lastname”,  “nationality”: “author nationality”  }  },  “language”: “book language”  }  }  // additional attributes used for item creation  } ] |

# **Error Response**

### **Code:** 500 Internal server error

### **Code:** 503 Service Unavailable

{ “code”: “503”, “message”: “The server is temporarily busy. Please try again later” }

{ “code”: “500”, “message”: “Unhandled exception in service” }