

# Library Management System API

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## AccountController

PUT /library\_website/account/update/password

[Up](#)

(changePassword)

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

body [ChangePasswordRequest](#) (required)

*Body Parameter* —

### Return type

[MessageResponse](#)

### Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK [MessageResponse](#)

PUT /library\_website/account/update

[Up](#)

**(editAccountDetails)****Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**

body [UpdateAccountRequest](#) (required)

*Body Parameter —*

**Return type**

[MessageResponse](#)

**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)

**POST /library\_website/account/login**

[Up](#)

**(login)****Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**

body [LoginRequest](#) (required)

*Body Parameter —*

**Return type**

[LibraryCard](#)

**Example data**

Content-Type: application/json

```
{
  "active" : true,
  "issuedAt" : "2000-01-23T04:56:07.000+00:00",
  "type" : "MEMBER",
  "barcode" : 0,
}
```

```
"cardNumber" : "cardNumber"
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK [LibraryCard](#)

## POST /library\_website/account/signup

[Up](#)

(signup)

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

body [SignupRequest](#) (required)

*Body Parameter* —

### Return type

[LibraryCard](#)

### Example data

Content-Type: application/json

```
{
  "active" : true,
  "issuedAt" : "2000-01-23T04:56:07.000+00:00",
  "type" : "MEMBER",
  "barcode" : 0,
  "cardNumber" : "cardNumber"
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK [LibraryCard](#)

## GET /library\_website/account/details

[Up](#)

(viewAccountDetails)

### Query parameters

barcode (required)

*Query Parameter* — format: int64

**card (required)**

*Query Parameter* —

### Return type

Object

### Example data

Content-Type: application/json

```
{ }
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK [Object](#)

## CatalogController

GET /library\_website/catalog/search

[Up](#)

(searchBooks)

### Query parameters

**library (optional)**

*Query Parameter* — default: none

**title (optional)**

*Query Parameter* — default: none

**author (optional)**

*Query Parameter* — default: none

**subjects (optional)**

*Query Parameter* — default: ["none"]

**pub\_date (optional)**

*Query Parameter* — format: date-time

### Return type

array[[BookItem](#)]

### Example data

Content-Type: application/json

```
[ {  
  "rack" : {  
    "number" : 5,  
    "location" : "location"  
  },  
  "author" : {  
    "name" : "name",  
    "description" : "description"  
  }  
}]
```

```
,
"subjects" : [ {
  "name" : "name"
}, {
  "name" : "name"
} ],
"isbn" : "isbn",
"format" : "HARDCOVER",
"language" : "language",
"title" : "title",
"library" : {
  "zipcode" : "zipcode",
  "country" : "country",
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "streetAddress" : "streetAddress",
  "city" : "city",
  "name" : "name"
},
"numberOfPages" : 0,
"price" : 1.4658129805029452,
"publisher" : "publisher",
"barcode" : 6,
"publicationDate" : "2000-01-23T04:56:07.000+00:00"
}, {
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
},
```

```
"numberOfPages" : 0,
"price" : 1.4658129805029452,
"publisher" : "publisher",
"barcode" : 6,
"publicationDate" : "2000-01-23T04:56:07.000+00:00"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK

## GET /library\_website/catalog/author

[Up](#)

(viewAllAuthors)

### Return type

array[[Author](#)]

### Example data

Content-Type: application/json

```
[ {
  "name" : "name",
  "description" : "description"
}, {
  "name" : "name",
  "description" : "description"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK

## GET /library\_website/catalog

[Up](#)

(viewAllBooks)

### Return type

array[[BookItem](#)]

### Example data

Content-Type: application/json

```
[ {
  "rack" : {
```

```
"number" : 5,
"location" : "location"
},
"author" : {
  "name" : "name",
  "description" : "description"
},
"subjects" : [ {
  "name" : "name"
}, {
  "name" : "name"
} ],
"isbn" : "isbn",
"format" : "HARDCOVER",
"language" : "language",
"title" : "title",
"library" : {
  "zipcode" : "zipcode",
  "country" : "country",
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "streetAddress" : "streetAddress",
  "city" : "city",
  "name" : "name"
},
"numberOfPages" : 0,
"price" : 1.4658129805029452,
"publisher" : "publisher",
"barcode" : 6,
"publicationDate" : "2000-01-23T04:56:07.000+00:00"
}, {
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
```



```
    "city" : "city"
  },
  "streetAddress" : "streetAddress",
  "city" : "city",
  "name" : "name"
},
"numberOfPages" : 0,
"price" : 1.4658129805029452,
"publisher" : "publisher",
"barcode" : 6,
"publicationDate" : "2000-01-23T04:56:07.000+00:00"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200  
OK

## GET /library\_website/catalog/library

[Up](#)

(viewAllLibraries)

### Return type

array[[Library](#)]

### Example data

Content-Type: application/json

```
[ {
  "zipcode" : "zipcode",
  "country" : "country",
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "streetAddress" : "streetAddress",
  "city" : "city",
  "name" : "name"
}, {
  "zipcode" : "zipcode",
  "country" : "country",
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "streetAddress" : "streetAddress",
  "city" : "city",
  "name" : "name"
} ]
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK

## GET /library\_website/catalog/subjects

[Up](#)

(viewAllSubjects)

**Return type**array[[Subject](#)]**Example data**

Content-Type: application/json

```
[ {  
  "name" : "name"  
}, {  
  "name" : "name"  
} ]
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK

## LibrarianController

### POST /library\_website/catalog/author/add

[Up](#)

(addAuthor)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**

body [AddAuthorRequest](#) (required)

*Body Parameter —*

**Return type**[MessageResponse](#)**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses****200**OK [MessageResponse](#)

## POST /library\_website/catalog/book/add

[Up](#)**(addBookItem)****Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body****body** [AddBookItemRequest](#) (required)*Body Parameter —***Return type**[MessageResponse](#)**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses****200**OK [MessageResponse](#)

## POST /library\_website/account/librarian/add

[Up](#)**(addLibrarian)****Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [AddLibrarianRequest](#) (required)

*Body Parameter —*

## Return type

[LibraryCard](#)

## Example data

Content-Type: application/json

```
{
  "active" : true,
  "issuedAt" : "2000-01-23T04:56:07.000+00:00",
  "type" : "MEMBER",
  "barcode" : 0,
  "cardNumber" : "cardNumber"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [LibraryCard](#)

---

# POST /library\_website/catalog/library/add

[Up](#)

(addLibrary)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [AddLibraryRequest](#) (required)

*Body Parameter —*

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)**POST /library\_website/catalog/subject/add**[Up](#)

(addSubject)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**

body [SubjectRequest](#) (required)

*Body Parameter* —

**Return type**

[MessageResponse](#)

**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)**PUT /library\_website/account/member/block**[Up](#)

(blockMember)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**

body [CardValidationRequest](#) (required)

*Body Parameter* —

**Query parameters**

**member (required)**

*Query Parameter* — format: int64

**Return type**[MessageResponse](#)**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)**PUT /library\_website/catalog/book/move**[Up](#)**(moveBookItem)****Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**body [MoveBookItemRequest](#) (required)*Body Parameter —***Return type**[MessageResponse](#)**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)**POST /library\_website/account/librarian/register**[Up](#)**(registerLibrarian)**

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

body [RegisterLibrarianRequest](#) (required)

*Body Parameter* —

### Return type

[LibraryCard](#)

### Example data

Content-Type: application/json

```
{
  "active" : true,
  "issuedAt" : "2000-01-23T04:56:07.000+00:00",
  "type" : "MEMBER",
  "barcode" : 0,
  "cardNumber" : "cardNumber"
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK [LibraryCard](#)

## DELETE /library\_website/catalog/author/remove

[Up](#)

(removeAuthor)

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

body [RemoveAuthorRequest](#) (required)

*Body Parameter* —

### Return type

[MessageResponse](#)

### Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

---

## DELETE /library\_website/catalog/book/remove

[Up](#)

(removeBookItem)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [RemoveBookItemRequest](#) (required)

*Body Parameter* —

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

---

## DELETE /library\_website/account/librarian/remove

[Up](#)

(removeLibrarian)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [RemoveLibrarianRequest](#) (required)

*Body Parameter* —



**Return type**[MessageResponse](#)**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)**DELETE /library\_website/catalog/library/remove**[Up](#)

(removeLibrary)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**body [RemoveLibraryRequest](#) (required)*Body Parameter —***Return type**[MessageResponse](#)**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)**DELETE /library\_website/catalog/subject/remove**[Up](#)

(removeSubject)

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

body [SubjectRequest](#) (required)

*Body Parameter —*

### Return type

[MessageResponse](#)

### Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK [MessageResponse](#)

---

**PUT /library\_website/account/member/unblock**

[Up](#)

(unblockMember)

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

body [CardValidationRequest](#) (required)

*Body Parameter —*

### Query parameters

member (required)

*Query Parameter — format: int64*

### Return type

[MessageResponse](#)

### Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

---

## PUT /library\_website/catalog/author/update

[Up](#)

(updateAuthor)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [UpdateAuthorRequest](#) (required)

*Body Parameter —*

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

---

## PUT /library\_website/catalog/book/update

[Up](#)

(updateBookItem)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [UpdateBookItemRequest](#) (required)

*Body Parameter —*

**Return type**[MessageResponse](#)**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)

## GET /library\_website/records/book\_loans

[Up](#)

(viewAllBookLoans)

**Query parameters****barcode (required)***Query Parameter* — format: int64**card (required)***Query Parameter* —**Return type**array[[BookLending](#)]**Example data**

Content-Type: application/json

```
[ {
  "returnDate" : "2000-01-23T04:56:07.000+00:00",
  "dueDate" : "2000-01-23T04:56:07.000+00:00",
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "libraryCard" : {
      "active" : true,
      "issuedAt" : "2000-01-23T04:56:07.000+00:00",
      "type" : "MEMBER",
      "barcode" : 0,
      "cardNumber" : "cardNumber"
    }
  },
}
```

```
"totalFines" : 5,
"id" : 6,
"issuedBooksTotal" : 1,
"email" : "email",
"status" : "ACTIVE"
},
"id" : 0,
"bookItem" : {
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
  "numberOfPages" : 0,
  "price" : 1.4658129805029452,
  "publisher" : "publisher",
  "barcode" : 6,
  "publicationDate" : "2000-01-23T04:56:07.000+00:00"
},
"creationDate" : "2000-01-23T04:56:07.000+00:00"
}, {
  "returnDate" : "2000-01-23T04:56:07.000+00:00",
  "dueDate" : "2000-01-23T04:56:07.000+00:00",
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
```

```

    "libraryCard" : {
      "active" : true,
      "issuedAt" : "2000-01-23T04:56:07.000+00:00",
      "type" : "MEMBER",
      "barcode" : 0,
      "cardNumber" : "cardNumber"
    },
    "totalFines" : 5,
    "id" : 6,
    "issuedBooksTotal" : 1,
    "email" : "email",
    "status" : "ACTIVE"
  },
  "id" : 0,
  "bookItem" : {
    "rack" : {
      "number" : 5,
      "location" : "location"
    },
    "author" : {
      "name" : "name",
      "description" : "description"
    },
    "subjects" : [ {
      "name" : "name"
    }, {
      "name" : "name"
    } ],
    "isbn" : "isbn",
    "format" : "HARDCOVER",
    "language" : "language",
    "title" : "title",
    "library" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "address" : {
        "zipcode" : "zipcode",
        "country" : "country",
        "streetAddress" : "streetAddress",
        "city" : "city"
      },
      "streetAddress" : "streetAddress",
      "city" : "city",
      "name" : "name"
    },
    "numberOfPages" : 0,
    "price" : 1.4658129805029452,
    "publisher" : "publisher",
    "barcode" : 6,
    "publicationDate" : "2000-01-23T04:56:07.000+00:00"
  },
  "creationDate" : "2000-01-23T04:56:07.000+00:00"
} ]

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses****200**

OK

**GET /library\_website/records/book\_reservations**[Up](#)

(viewAllBookReservations)

**Query parameters****barcode (required)***Query Parameter* — format: int64**card (required)***Query Parameter* —**Return type**array[[BookReservation](#)]**Example data**

Content-Type: application/json

```
[ {
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "libraryCard" : {
      "active" : true,
      "issuedAt" : "2000-01-23T04:56:07.000+00:00",
      "type" : "MEMBER",
      "barcode" : 0,
      "cardNumber" : "cardNumber"
    },
    "totalFines" : 5,
    "id" : 6,
    "issuedBooksTotal" : 1,
    "email" : "email",
    "status" : "ACTIVE"
  },
  "id" : 0,
  "bookItem" : {
    "rack" : {
      "number" : 5,
      "location" : "location"
    },
    "author" : {
      "name" : "name",
      "description" : "description"
    },
    "subjects" : [ {
```

```

    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
  "numberOfPages" : 0,
  "price" : 1.4658129805029452,
  "publisher" : "publisher",
  "barcode" : 6,
  "publicationDate" : "2000-01-23T04:56:07.000+00:00"
},
"creationDate" : "2000-01-23T04:56:07.000+00:00",
"status" : "WAITING"
}, {
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "libraryCard" : {
      "active" : true,
      "issuedAt" : "2000-01-23T04:56:07.000+00:00",
      "type" : "MEMBER",
      "barcode" : 0,
      "cardNumber" : "cardNumber"
    },
    "totalFines" : 5,
    "id" : 6,
    "issuedBooksTotal" : 1,
    "email" : "email",
    "status" : "ACTIVE"
  },
  "id" : 0,
  "bookItem" : {
    "rack" : {
      "number" : 5,
      "location" : "location"
    }
  }
}

```



```

    },
    "author" : {
      "name" : "name",
      "description" : "description"
    },
    "subjects" : [ {
      "name" : "name"
    }, {
      "name" : "name"
    } ],
    "isbn" : "isbn",
    "format" : "HARDCOVER",
    "language" : "language",
    "title" : "title",
    "library" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "address" : {
        "zipcode" : "zipcode",
        "country" : "country",
        "streetAddress" : "streetAddress",
        "city" : "city"
      },
      "streetAddress" : "streetAddress",
      "city" : "city",
      "name" : "name"
    },
    "numberOfPages" : 0,
    "price" : 1.4658129805029452,
    "publisher" : "publisher",
    "barcode" : 6,
    "publicationDate" : "2000-01-23T04:56:07.000+00:00"
  },
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "status" : "WAITING"
} ]

```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200  
OK

## GET /library\_website/records/fines

[Up](#)

(viewAllFines)

### Query parameters

#### barcode (required)

*Query Parameter* — format: int64

#### card (required)

*Query Parameter* —

**Return type**

array[Fine]

**Example data**

Content-Type: application/json

```
[ {
  "amount" : 6.027456183070403,
  "fineTransaction" : {
    "amount" : 9.301444243932576,
    "checkTransaction" : {
      "checkNumber" : "checkNumber",
      "bankName" : "bankName",
      "id" : 5
    },
    "creditCardTransaction" : {
      "nameOnCard" : "nameOnCard",
      "id" : 5
    },
    "id" : 1,
    "type" : "CREDIT_CARD",
    "creationDate" : "2000-01-23T04:56:07.000+00:00",
    "cashTransaction" : {
      "cashTendered" : 7.061401241503109,
      "id" : 2
    }
  },
  "paid" : true,
  "id" : 0
}, {
  "amount" : 6.027456183070403,
  "fineTransaction" : {
    "amount" : 9.301444243932576,
    "checkTransaction" : {
      "checkNumber" : "checkNumber",
      "bankName" : "bankName",
      "id" : 5
    },
    "creditCardTransaction" : {
      "nameOnCard" : "nameOnCard",
      "id" : 5
    },
    "id" : 1,
    "type" : "CREDIT_CARD",
    "creationDate" : "2000-01-23T04:56:07.000+00:00",
    "cashTransaction" : {
      "cashTendered" : 7.061401241503109,
      "id" : 2
    }
  },
  "paid" : true,
  "id" : 0
} ]
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses****200**

OK

**GET /library\_website/account/librarian**[Up](#)

(viewAllLibrarians)

**Query parameters****barcode (required)***Query Parameter* — format: int64**card (required)***Query Parameter* —**Return type**array[[Librarian](#)]**Example data**

Content-Type: application/json

```
[ {
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "name" : "name",
  "libraryCard" : {
    "active" : true,
    "issuedAt" : "2000-01-23T04:56:07.000+00:00",
    "type" : "MEMBER",
    "barcode" : 0,
    "cardNumber" : "cardNumber"
  },
  "id" : 0,
  "email" : "email",
  "status" : "ACTIVE"
}, {
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "name" : "name",
  "libraryCard" : {
    "active" : true,
    "issuedAt" : "2000-01-23T04:56:07.000+00:00",
    "type" : "MEMBER",
    "barcode" : 0,
    "cardNumber" : "cardNumber"
```

```
  },
  "id" : 0,
  "email" : "email",
  "status" : "ACTIVE"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK

## GET /library\_website/account/member

[Up](#)

(viewAllMembers)

### Query parameters

#### barcode (required)

Query Parameter — format: int64

#### card (required)

Query Parameter —

### Return type

array[[Member](#)]

### Example data

Content-Type: application/json

```
[ {
  "password" : "password",
  "phoneNumber" : "phoneNumber",
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "libraryCard" : {
    "active" : true,
    "issuedAt" : "2000-01-23T04:56:07.000+00:00",
    "type" : "MEMBER",
    "barcode" : 0,
    "cardNumber" : "cardNumber"
  },
  "totalFines" : 5,
  "id" : 6,
  "issuedBooksTotal" : 1,
  "email" : "email",
  "status" : "ACTIVE"
}, {
  "password" : "password",
```

```

"phoneNumber" : "phoneNumber",
"address" : {
  "zipcode" : "zipcode",
  "country" : "country",
  "streetAddress" : "streetAddress",
  "city" : "city"
},
"dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
"name" : "name",
"libraryCard" : {
  "active" : true,
  "issuedAt" : "2000-01-23T04:56:07.000+00:00",
  "type" : "MEMBER",
  "barcode" : 0,
  "cardNumber" : "cardNumber"
},
"totalFines" : 5,
"id" : 6,
"issuedBooksTotal" : 1,
"email" : "email",
"status" : "ACTIVE"
} ]

```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200  
OK

## MemberController

**DELETE** /library\_website/account/member/cancel

[Up](#)

(cancelMembership)

### Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

### Request body

body [CancelMembershipRequest](#) (required)

Body Parameter —

### Return type

[MessageResponse](#)

### Example data

Content-Type: application/json

```

{
  "message" : "message"
}

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

---

**PUT /library\_website/account/member/reserve/cancel**

[Up](#)

(cancelReservation)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [CardValidationRequest](#) (required)

*Body Parameter* —

## Query parameters

**book (required)**

*Query Parameter* — format: int64

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

---

**PUT /library\_website/account/member/fines/transaction/card**

[Up](#)

(cardTransaction)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [CardTransactionRequest](#) (required)

*Body Parameter* —

## Query parameters

**fine (required)**

*Query Parameter* — format: int64

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

---

**PUT** /library\_website/account/member/fines/transaction/cash [Up](#)

(cashTransaction)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [CashTransactionRequest](#) (required)

*Body Parameter* —

## Query parameters

**fine (required)**

*Query Parameter* — format: int64

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

PUT /library\_website/account/member/fines/transaction/check

Up

(checkTransaction)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [CheckTransactionRequest](#) (required)

*Body Parameter* —

## Query parameters

**fine (required)**

*Query Parameter* — format: int64

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

PUT /library\_website/account/member/checkout

Up

(checkoutBook)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json



## Request body

body [CardValidationRequest](#) (required)

*Body Parameter* —

## Query parameters

book (required)

*Query Parameter* — format: int64

## Return type

[BookItem](#)

## Example data

Content-Type: application/json

```
{
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
  "numberOfPages" : 0,
  "price" : 1.4658129805029452,
  "publisher" : "publisher",
  "barcode" : 6,
  "publicationDate" : "2000-01-23T04:56:07.000+00:00"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [BookItem](#)**PUT /library\_website/account/member/renew**[Up](#)

(renewBook)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**

body [CardValidationRequest](#) (required)

*Body Parameter* —

**Query parameters**

book (required)

*Query Parameter* — format: int64

**Return type**

[MessageResponse](#)

**Example data**

Content-Type: application/json

```
{
  "message" : "message"
}
```

**Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses**

200

OK [MessageResponse](#)**PUT /library\_website/account/member/reserve**[Up](#)

(reserveBook)

**Consumes**

This API call consumes the following media types via the Content-Type request header:

- application/json

**Request body**

body [CardValidationRequest](#) (required)

*Body Parameter* —

## Query parameters

### book (required)

*Query Parameter* — format: int64

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK [MessageResponse](#)

---

PUT /library\_website/account/member/return

[Up](#)

(returnBook)

## Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

## Request body

body [CardValidationRequest](#) (required)

*Body Parameter* —

## Query parameters

### book (required)

*Query Parameter* — format: int64

## Return type

[MessageResponse](#)

## Example data

Content-Type: application/json

```
{
  "message" : "message"
}
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

**Responses****200**OK [MessageResponse](#)**GET /library\_website/account/member/checkout/books**[Up](#)

(viewBookLoans)

**Query parameters****barcode (required)***Query Parameter* — format: int64**card (required)***Query Parameter* —**Return type**array[[BookItem](#)]**Example data**

Content-Type: application/json

```
[ {
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
  "numberOfPages" : 0,
  "price" : 1.4658129805029452,
  "publisher" : "publisher",
  "barcode" : 6,
  "publicationDate" : "2000-01-23T04:56:07.000+00:00"
```

```

}, {
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
  "numberOfPages" : 0,
  "price" : 1.4658129805029452,
  "publisher" : "publisher",
  "barcode" : 6,
  "publicationDate" : "2000-01-23T04:56:07.000+00:00"
} ]

```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK

## GET /library\_website/account/member/checkout/history

Up

(viewCheckoutHistory)

### Query parameters

#### barcode (required)

Query Parameter — format: int64

#### card (required)

Query Parameter —

**Return type**array[[BookLending](#)]**Example data**

Content-Type: application/json

```
[ {
  "returnDate" : "2000-01-23T04:56:07.000+00:00",
  "dueDate" : "2000-01-23T04:56:07.000+00:00",
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "libraryCard" : {
      "active" : true,
      "issuedAt" : "2000-01-23T04:56:07.000+00:00",
      "type" : "MEMBER",
      "barcode" : 0,
      "cardNumber" : "cardNumber"
    },
    "totalFines" : 5,
    "id" : 6,
    "issuedBooksTotal" : 1,
    "email" : "email",
    "status" : "ACTIVE"
  },
  "id" : 0,
  "bookItem" : {
    "rack" : {
      "number" : 5,
      "location" : "location"
    },
    "author" : {
      "name" : "name",
      "description" : "description"
    },
    "subjects" : [ {
      "name" : "name"
    }, {
      "name" : "name"
    } ],
    "isbn" : "isbn",
    "format" : "HARDCOVER",
    "language" : "language",
    "title" : "title",
    "library" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "address" : {
        "zipcode" : "zipcode",
        "country" : "country",
```

```
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "streetAddress" : "streetAddress",
  "city" : "city",
  "name" : "name"
},
"numberOfPages" : 0,
"price" : 1.4658129805029452,
"publisher" : "publisher",
"barcode" : 6,
"publicationDate" : "2000-01-23T04:56:07.000+00:00"
},
"creationDate" : "2000-01-23T04:56:07.000+00:00"
}, {
  "returnDate" : "2000-01-23T04:56:07.000+00:00",
  "dueDate" : "2000-01-23T04:56:07.000+00:00",
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "libraryCard" : {
      "active" : true,
      "issuedAt" : "2000-01-23T04:56:07.000+00:00",
      "type" : "MEMBER",
      "barcode" : 0,
      "cardNumber" : "cardNumber"
    },
    "totalFines" : 5,
    "id" : 6,
    "issuedBooksTotal" : 1,
    "email" : "email",
    "status" : "ACTIVE"
  },
  "id" : 0,
  "bookItem" : {
    "rack" : {
      "number" : 5,
      "location" : "location"
    },
    "author" : {
      "name" : "name",
      "description" : "description"
    },
    "subjects" : [ {
      "name" : "name"
    }, {
      "name" : "name"
    } ],
    "isbn" : "isbn",
    "format" : "HARDCOVER",
    "language" : "language",
```

```
"title" : "title",
"library" : {
  "zipcode" : "zipcode",
  "country" : "country",
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "streetAddress" : "streetAddress",
  "city" : "city",
  "name" : "name"
},
"numberOfPages" : 0,
"price" : 1.4658129805029452,
"publisher" : "publisher",
"barcode" : 6,
"publicationDate" : "2000-01-23T04:56:07.000+00:00"
},
"creationDate" : "2000-01-23T04:56:07.000+00:00"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK

## GET /library\_website/account/member/fines

[Up](#)

(viewFines)

### Query parameters

#### barcode (required)

Query Parameter — format: int64

#### card (required)

Query Parameter —

### Return type

array[Fine]

### Example data

Content-Type: application/json

```
[ {
  "amount" : 6.027456183070403,
  "fineTransaction" : {
    "amount" : 9.301444243932576,
    "checkTransaction" : {
      "checkNumber" : "checkNumber",
      "bankName" : "bankName",
      "id" : 5
    }
  }
}
```



```

    },
    "creditCardTransaction" : {
      "nameOnCard" : "nameOnCard",
      "id" : 5
    },
    "id" : 1,
    "type" : "CREDIT_CARD",
    "creationDate" : "2000-01-23T04:56:07.000+00:00",
    "cashTransaction" : {
      "cashTendered" : 7.061401241503109,
      "id" : 2
    }
  },
  "paid" : true,
  "id" : 0
}, {
  "amount" : 6.027456183070403,
  "fineTransaction" : {
    "amount" : 9.301444243932576,
    "checkTransaction" : {
      "checkNumber" : "checkNumber",
      "bankName" : "bankName",
      "id" : 5
    },
    "creditCardTransaction" : {
      "nameOnCard" : "nameOnCard",
      "id" : 5
    },
    "id" : 1,
    "type" : "CREDIT_CARD",
    "creationDate" : "2000-01-23T04:56:07.000+00:00",
    "cashTransaction" : {
      "cashTendered" : 7.061401241503109,
      "id" : 2
    }
  },
  "paid" : true,
  "id" : 0
} ]

```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK

## GET /library\_website/account/member/notifications

[Up](#)

(viewNotifications)

### Query parameters

**barcode (required)**

*Query Parameter* — format: int64

**card (required)***Query Parameter —***Return type**array[[AccountNotification](#)]**Example data**

Content-Type: application/json

```
[ {
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "libraryCard" : {
      "active" : true,
      "issuedAt" : "2000-01-23T04:56:07.000+00:00",
      "type" : "MEMBER",
      "barcode" : 0,
      "cardNumber" : "cardNumber"
    },
    "totalFines" : 5,
    "id" : 6,
    "issuedBooksTotal" : 1,
    "email" : "email",
    "status" : "ACTIVE"
  },
  "id" : 0,
  "createdOn" : "2000-01-23T04:56:07.000+00:00",
  "email" : "email",
  "content" : "content"
}, {
  "address" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "streetAddress" : "streetAddress",
    "city" : "city"
  },
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
```

```

    "city" : "city"
  },
  "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "libraryCard" : {
    "active" : true,
    "issuedAt" : "2000-01-23T04:56:07.000+00:00",
    "type" : "MEMBER",
    "barcode" : 0,
    "cardNumber" : "cardNumber"
  },
  "totalFines" : 5,
  "id" : 6,
  "issuedBooksTotal" : 1,
  "email" : "email",
  "status" : "ACTIVE"
},
"id" : 0,
"createdOn" : "2000-01-23T04:56:07.000+00:00",
"email" : "email",
"content" : "content"
} ]

```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200  
OK

## GET /library\_website/account/member/reserve/history

[Up](#)

(viewReservationHistory)

### Query parameters

#### barcode (required)

Query Parameter — format: int64

#### card (required)

Query Parameter —

### Return type

array[[BookReservation](#)]

### Example data

Content-Type: application/json

```

[ {
  "member" : {
    "password" : "password",
    "phoneNumber" : "phoneNumber",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",

```

```
    "city" : "city"
  },
  "dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "libraryCard" : {
    "active" : true,
    "issuedAt" : "2000-01-23T04:56:07.000+00:00",
    "type" : "MEMBER",
    "barcode" : 0,
    "cardNumber" : "cardNumber"
  },
  "totalFines" : 5,
  "id" : 6,
  "issuedBooksTotal" : 1,
  "email" : "email",
  "status" : "ACTIVE"
},
"id" : 0,
"bookItem" : {
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
  "numberOfPages" : 0,
  "price" : 1.4658129805029452,
  "publisher" : "publisher",
  "barcode" : 6,
  "publicationDate" : "2000-01-23T04:56:07.000+00:00"
},
"creationDate" : "2000-01-23T04:56:07.000+00:00",
"status" : "WAITING"
}, {
  "member" : {
```

```
"password" : "password",
"phoneNumber" : "phoneNumber",
"address" : {
  "zipcode" : "zipcode",
  "country" : "country",
  "streetAddress" : "streetAddress",
  "city" : "city"
},
"dateOfMembership" : "2000-01-23T04:56:07.000+00:00",
"name" : "name",
"libraryCard" : {
  "active" : true,
  "issuedAt" : "2000-01-23T04:56:07.000+00:00",
  "type" : "MEMBER",
  "barcode" : 0,
  "cardNumber" : "cardNumber"
},
"totalFines" : 5,
"id" : 6,
"issuedBooksTotal" : 1,
"email" : "email",
"status" : "ACTIVE"
},
"id" : 0,
"bookItem" : {
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
  "numberOfPages" : 0,
  "price" : 1.4658129805029452,
  "publisher" : "publisher",
  "barcode" : 6,
```

```
"publicationDate" : "2000-01-23T04:56:07.000+00:00"
},
"creationDate" : "2000-01-23T04:56:07.000+00:00",
"status" : "WAITING"
} ]
```

### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

### Responses

200

OK

## GET /library\_website/account/member/reserve/books

[Up](#)

(viewReservedBooks)

### Query parameters

**barcode (required)**

*Query Parameter* — format: int64

**card (required)**

*Query Parameter* —

### Return type

array[[BookItem](#)]

### Example data

Content-Type: application/json

```
[ {
  "rack" : {
    "number" : 5,
    "location" : "location"
  },
  "author" : {
    "name" : "name",
    "description" : "description"
  },
  "subjects" : [ {
    "name" : "name"
  }, {
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
```

```

        "city" : "city"
      },
      "streetAddress" : "streetAddress",
      "city" : "city",
      "name" : "name"
    },
    "numberOfPages" : 0,
    "price" : 1.4658129805029452,
    "publisher" : "publisher",
    "barcode" : 6,
    "publicationDate" : "2000-01-23T04:56:07.000+00:00"
  }, {
    "rack" : {
      "number" : 5,
      "location" : "location"
    },
    "author" : {
      "name" : "name",
      "description" : "description"
    },
    "subjects" : [ {
      "name" : "name"
    } ],
    "name" : "name"
  } ],
  "isbn" : "isbn",
  "format" : "HARDCOVER",
  "language" : "language",
  "title" : "title",
  "library" : {
    "zipcode" : "zipcode",
    "country" : "country",
    "address" : {
      "zipcode" : "zipcode",
      "country" : "country",
      "streetAddress" : "streetAddress",
      "city" : "city"
    },
    "streetAddress" : "streetAddress",
    "city" : "city",
    "name" : "name"
  },
  "numberOfPages" : 0,
  "price" : 1.4658129805029452,
  "publisher" : "publisher",
  "barcode" : 6,
  "publicationDate" : "2000-01-23T04:56:07.000+00:00"
} ]

```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- \*/\*

## Responses

200

OK

# GET /library\_website/account/member/transactions

(viewTransactions)

## Query parameters

### barcode (required)

Query Parameter — format: int64

### card (required)

Query Parameter —

## Return type

array[[FineTransaction](#)]

## Example data

Content-Type: application/json

```
[ {
  "amount" : 9.301444243932576,
  "checkTransaction" : {
    "checkNumber" : "checkNumber",
    "bankName" : "bankName",
    "id" : 5
  },
  "creditCardTransaction" : {
    "nameOnCard" : "nameOnCard",
    "id" : 5
  },
  "id" : 1,
  "type" : "CREDIT_CARD",
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "cashTransaction" : {
    "cashTendered" : 7.061401241503109,
    "id" : 2
  }
}, {
  "amount" : 9.301444243932576,
  "checkTransaction" : {
    "checkNumber" : "checkNumber",
    "bankName" : "bankName",
    "id" : 5
  },
  "creditCardTransaction" : {
    "nameOnCard" : "nameOnCard",
    "id" : 5
  },
  "id" : 1,
  "type" : "CREDIT_CARD",
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "cashTransaction" : {
    "cashTendered" : 7.061401241503109,
    "id" : 2
  }
} ]
```

## Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.



• \*/\*

Responses  
200  
OK

Models

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AccountNotification

[Up](#)

id (optional)  
[Long](#) format: int64  
  
member (optional)

[Member](#)

createdOn (optional)

[Date](#) format: date-time

email (optional)

[String](#)

content

[String](#)

address (optional)

[Address](#)

## AddAuthorRequest

[Up](#)

barcode

[Long](#) format: int64

number

[String](#)

author

[String](#)

description (optional)

[String](#)

## AddBookItemRequest

[Up](#)

barcode

[Long](#) format: int64

number

[String](#)

libraryName

[String](#)

rack (optional)

[Integer](#) format: int32

location (optional)

[String](#)

isbn

[String](#)

title

[String](#)

publisher

[String](#)

language

[String](#)

numberOfPages (optional)

[Integer](#) format: int32

author

[String](#)

subjectNames (optional)

[array\[String\]](#)

format

[String](#)

Enum:

*HARDCOVER*  
*PAPERBACK*  
*AUDIOBOOK*  
*EBOOK*  
*NEWSPAPER*  
*MAGAZINE*  
*JOURNAL*

**publicationDate**[Date](#) format: date-time**price (optional)**[Double](#) format: double**referenceOnly (optional)**[Boolean](#)

## AddLibrarianRequest

[Up](#)**barcode**[Long](#) format: int64**number**[String](#)**name**[String](#)**password**[String](#)**email**[String](#)**streetAddress**[String](#)**city**[String](#)**zipcode**[String](#)**country**[String](#)**phoneNumber**[String](#)

## AddLibraryRequest

[Up](#)**barcode**[Long](#) format: int64**number**[String](#)**libraryName**[String](#)**streetAddress**[String](#)**city**

[String](#)

zipcode

[String](#)

country

[String](#)

## Address

[Up](#)

streetAddress

[String](#)

city

[String](#)

zipcode

[String](#)

country

[String](#)

## Author

[Up](#)

name

[String](#)

description (optional)

[String](#)

## BookItem

[Up](#)

title

[String](#)

publisher

[String](#)

language

[String](#)

numberOfPages (optional)

[Integer](#) format: int32

barcode (optional)

[Long](#) format: int64

library (optional)

[Library](#)

author (optional)

[Author](#)

subjects (optional)

[array\[Subject\]](#)

format (optional)

[String](#)

Enum:

HARDCOVER

PAPERBACK

AUDIOBOOK

EBOOK

NEWSPAPER

*MAGAZINE  
JOURNAL***publicationDate (optional)**[\*Date\*](#) format: date-time**price (optional)**[\*Double\*](#) format: double**rack (optional)**[\*Rack\*](#)**isbn (optional)**[\*String\*](#)**BookLending**[Up](#)**id (optional)**[\*Long\*](#) format: int64**bookItem (optional)**[\*BookItem\*](#)**member (optional)**[\*Member\*](#)**creationDate (optional)**[\*Date\*](#) format: date-time**dueDate (optional)**[\*Date\*](#) format: date-time**returnDate (optional)**[\*Date\*](#) format: date-time**BookReservation**[Up](#)**id (optional)**[\*Long\*](#) format: int64**bookItem (optional)**[\*BookItem\*](#)**member (optional)**[\*Member\*](#)**creationDate (optional)**[\*Date\*](#) format: date-time**status (optional)**[\*String\*](#)

Enum:

*WAITING**PENDING**COMPLETED**CANCELLED***CancelMembershipRequest**[Up](#)**barcode**[\*Long\*](#) format: int64**number**[\*String\*](#)

password  
[\*String\*](#)

## CardTransactionRequest

[Up](#)

barcode  
[\*Long\*](#) format: int64

number  
[\*String\*](#)

name  
[\*String\*](#)

amount (optional)  
[\*Double\*](#) format: double

## CardValidationRequest

[Up](#)

barcode  
[\*Long\*](#) format: int64

number  
[\*String\*](#)

## CashTransaction

[Up](#)

id (optional)  
[\*Long\*](#) format: int64

cashTendered  
[\*Double\*](#) format: double

## CashTransactionRequest

[Up](#)

barcode  
[\*Long\*](#) format: int64

number  
[\*String\*](#)

cashTendered (optional)  
[\*Double\*](#) format: double

## ChangePasswordRequest

[Up](#)

barcode  
[\*Long\*](#) format: int64

number  
[\*String\*](#)

originalPassword  
[\*String\*](#)

newPassword  
[\*String\*](#)

**CheckTransaction**[Up](#)

**id (optional)**  
[Long](#) format: int64

**bankName**  
[String](#)

**checkNumber**  
[String](#)

**CheckTransactionRequest**[Up](#)

**barcode**  
[Long](#) format: int64

**number**  
[String](#)

**bankName**  
[String](#)

**checkNumber**  
[String](#)

**amount (optional)**  
[Double](#) format: double

**CreditCardTransaction**[Up](#)

**id (optional)**  
[Long](#) format: int64

**nameOnCard**  
[String](#)

**Fine**[Up](#)

**id (optional)**  
[Long](#) format: int64

**amount (optional)**  
[Double](#) format: double

**paid (optional)**  
[Boolean](#)

**fineTransaction (optional)**  
[FineTransaction](#)

**FineTransaction**[Up](#)

**id (optional)**  
[Long](#) format: int64

**type (optional)**  
[String](#)  
Enum:  
CREDIT\_CARD  
CHECK

*CASH***creditCardTransaction (optional)**[\*CreditCardTransaction\*](#)**checkTransaction (optional)**[\*CheckTransaction\*](#)**cashTransaction (optional)**[\*CashTransaction\*](#)**creationDate (optional)**[\*Date\*](#) format: date-time**amount (optional)**[\*Double\*](#) format: double**Librarian**[Up](#)**id (optional)**[\*Long\*](#) format: int64**name**[\*String\*](#)**password**[\*String\*](#)**status (optional)**[\*String\*](#)

Enum:

*ACTIVE**CANCELLED**BLACKLISTED***email**[\*String\*](#)**phoneNumber**[\*String\*](#)**libraryCard (optional)**[\*LibraryCard\*](#)**address (optional)**[\*Address\*](#)**Library**[Up](#)**name**[\*String\*](#)**streetAddress**[\*String\*](#)**city**[\*String\*](#)**zipcode**[\*String\*](#)**country**[\*String\*](#)**address (optional)**[\*Address\*](#)



## LibraryCard

[Up](#)

**barcode (optional)**

[Long](#) format: int64

**type (optional)**

[String](#)

Enum:

*MEMBER*

*LIBRARIAN*

**cardNumber**

[String](#)

**issuedAt (optional)**

[Date](#) format: date-time

**active (optional)**

[Boolean](#)

## LoginRequest

[Up](#)

**libraryCardNumber**

[String](#)

**password**

[String](#)

## Member

[Up](#)

**id (optional)**

[Long](#) format: int64

**name**

[String](#)

**password**

[String](#)

**status (optional)**

[String](#)

Enum:

*ACTIVE*

*CANCELLED*

*BLACKLISTED*

**email**

[String](#)

**phoneNumber**

[String](#)

**libraryCard (optional)**

[LibraryCard](#)

**dateOfMembership**

[Date](#) format: date-time

**issuedBooksTotal (optional)**

[Integer](#) format: int32

**totalFines (optional)**

[Integer](#) format: int32

**address (optional)**

[Address](#)**MessageResponse**[Up](#)

message (optional)

[String](#)**MoveBookItemRequest**[Up](#)

barcode

[Long](#) format: int64

number

[String](#)

bookBarcode

[Long](#) format: int64

libraryName

[String](#)

rack (optional)

[Integer](#) format: int32

location (optional)

[String](#)**Rack**[Up](#)

number (optional)

[Integer](#) format: int32

location

[String](#)**RegisterLibrarianRequest**[Up](#)

name

[String](#)

password

[String](#)

email

[String](#)

streetAddress

[String](#)

city

[String](#)

zipcode

[String](#)

country

[String](#)

phoneNumber

[String](#)

**RemoveAuthorRequest**[Up](#)

barcode  
[Long](#) format: int64  
number  
[String](#)  
author  
[String](#)

**RemoveBookItemRequest**[Up](#)

barcode  
[Long](#) format: int64  
number  
[String](#)  
bookBarcode  
[Long](#) format: int64

**RemoveLibrarianRequest**[Up](#)

barcode  
[Long](#) format: int64  
number  
[String](#)  
librarianCardBarcode  
[Long](#) format: int64  
librarianCardNumber  
[String](#)

**RemoveLibraryRequest**[Up](#)

barcode  
[Long](#) format: int64  
number  
[String](#)  
library  
[String](#)

**SignupRequest**[Up](#)

name  
[String](#)  
password  
[String](#)  
email  
[String](#)  
streetAddress  
[String](#)

city  
[String](#)

zipcode  
[String](#)

country  
[String](#)

phoneNumber  
[String](#)

**Subject**

[Up](#)

name  
[String](#)

**SubjectRequest**

[Up](#)

barcode  
[Long](#) format: int64

number  
[String](#)

subject  
[String](#)

**UpdateAccountRequest**

[Up](#)

barcode  
[Long](#) format: int64

number  
[String](#)

name  
[String](#)

email  
[String](#)

streetAddress  
[String](#)

city  
[String](#)

zipcode  
[String](#)

country  
[String](#)

phoneNumber  
[String](#)

**UpdateAuthorRequest**

[Up](#)

barcode  
[Long](#) format: int64

number

[String](#)

author

[String](#)

description

[String](#)

## UpdateBookItemRequest

[Up](#)

barcode

[Long](#) format: int64

number

[String](#)

bookBarcode

[Long](#) format: int64

isbn

[String](#)

title

[String](#)

publisher

[String](#)

language

[String](#)

numberOfPages (optional)

[Integer](#) format: int32

author

[String](#)

subjectNames (optional)

[array\[String\]](#)

format

[String](#)

Enum:

*HARDCOVER*

*PAPERBACK*

*AUDIOBOOK*

*EBOOK*

*NEWSPAPER*

*MAGAZINE*

*JOURNAL*

publicationDate

[Date](#) format: date-time

price (optional)

[Double](#) format: double

referenceOnly (optional)

[Boolean](#)