Onpier Assignment

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1. getActiveUsers

This endpoint retrieves all active users

1.1. Address

```
GET /api/onpier/assignment/users/actives
```

1.2. HTTP headers

Name	Description
`Content-Type`	`application/json`

1.3. Response fields

Name	Type	Description
`users`	`List`	This field contains information of userId, name, firstName, gender, memberFrom, memberTill

1.4. HTTP request example

```
curl --location --request GET /api/onpier/assignment/users/actives'
--header 'Content-Type: application/json
```

1.5. HTTP response example

```
HTTP/1.1 200 OK
Content-Type: application/json
{
 [
    {
        "userId": "c2cc48f8-3883-450b-badb-2d25a9aa05fa",
        "name": "Chish",
        "firstName": "Elijah",
        "gender": "MALE",
        "memberFrom": "01/14/1970",
        "memberTill": "N/A"
    },
    {
        "userId": "156c9b8f-9971-441f-8e24-b2d801c2251d",
        "name": "Zhungwang",
        "firstName": "Ava",
        "gender": "FEMALE",
        "memberFrom": "01/19/1970",
        "memberTill": "N/A"
    }
 ]
}
```

2. nonTerminatedUsersWithNoCurrentBorrows

Get non-terminated users who have no current borrows

2.1. Address

```
GET /api/onpier/assignment/users/nonTerminate/withoutBorrows
```

2.2. HTTP headers

Name	Description
`Content-Type`	`application/json`

2.3. Response fields

Name	Type	Description
users	List	This field contains information of userId, name, firstName, gender, memberFrom, memberTill

2.4. HTTP request example

```
curl --location --request GET
/api/onpier/assignment/users/nonTerminate/withoutBorrows'
--header 'Content-Type: application/json
```

2.5. HTTP response example

```
HTTP/1.1 200 OK
Content-Type: application/json
{
 [
    {
        "userId": "c2cc48f8-3883-450b-badb-2d25a9aa05fa",
        "name": "Chish",
        "firstName": "Elijah",
        "gender": "MALE",
        "memberFrom": "01/14/1970",
        "memberTill": "N/A"
    },
    {
        "userId": "156c9b8f-9971-441f-8e24-b2d801c2251d",
        "name": "Zhungwang",
        "firstName": "Ava",
        "gender": "FEMALE",
        "memberFrom": "01/19/1970",
        "memberTill": "N/A"
    }
 ]
}
```

3. getUsersWhoBorrowedBooksOnDate

Retrieves users who borrowed books on the specified date

3.1. Address

```
GET /api/onpier/assignment/users/borrowed
```

3.2. HTTP headers

Name	Description
`Content-Type`	`application/json`

3.3. Response fields

Name	Type	Description
`users`	`List`	This field contains information of userId, name, firstName, gender, memberFrom, memberTill

3.4. HTTP request example

```
curl --location '/api/onpier/assignment/users/borrowed?date=05%2F14%2F2008'
```

3.5. HTTP response example

```
HTTP/1.1 200 OK
Content-Type: application/json
{
 [
    {
        "userId": "c2cc48f8-3883-450b-badb-2d25a9aa05fa",
        "name": "Chish",
        "firstName": "Elijah",
        "gender": "MALE",
        "memberFrom": "01/14/1970",
        "memberTill": "N/A"
    },
    {
        "userId": "156c9b8f-9971-441f-8e24-b2d801c2251d",
        "name": "Zhungwang",
        "firstName": "Ava",
        "gender": "FEMALE",
        "memberFrom": "01/19/1970",
        "memberTill": "N/A"
    }
 ]
}
```

4. getBooksBorrowedByUserBetweenDates

Returns a list of books that a user has borrowed within a specified date range

4.1. Address

```
GET /api/onpier/assignment/books/borrowed/by-user
```

4.2. HTTP headers

Name	Description
`Content-Type`	`application/json`

4.3. Response fields

Name	Type	Description
`books`	`List`	This field contains information of title, publisher, genre, author

4.4. HTTP request example

```
curl --location '/api/onpier/assignment/books/borrowed/by-
user?endDate=07%2F16%2F2007&userId=7f731abd-589c-418d-bb79-
fb5ec27d3e16&startDate=06%2F15%2F2007'
```

4.5. HTTP response example

```
HTTP/1.1 200 OK
[
    {
        "title": "New Markets & Other Essays",
        "author": "Drucker, Peter",
        "publisher": "Penguin",
        "genre": "ECONOMICS"
    }
]
```

5. getAvailableBooks

Returns a list of all books that are currently available for borrowing

5.1. Address

```
GET /api/onpier/assignment/books/available
```

5.2. HTTP headers

Name	Description
Content-Type	application/json

5.3. Response fields

Name	Type	Description
books	List	This field contains information of title, publisher, genre, author

5.4. HTTP request example

```
curl --location '/api/onpier/assignment/books/available'
```

5.5. HTTP response example

```
HTTP/1.1 200 OK
[
    {
        "title": "Age of Discontuinity, The",
        "author": "Drucker, Peter",
        "publisher": "Random House",
        "genre": "ECONOMICS"
    },
    {
        "title": "Age of Wrath, The",
        "author": "Eraly, Abraham",
        "publisher": "Penguin",
        "genre": "HISTORY"
    },
    {
        "title": "Aghal Paghal",
        "author": "Deshpande, P L",
        "publisher": "Mauj",
        "genre": "NONFICTION"
    }
]
```

6. HTTP response codes

NOTE	We use conventional HTTP response codes to indicate the success or failure of an API request.

- HTTP code 200 indicates success.
- HTTP code 400 indicates invalid params.
- HTTP code 500 indicates internal errors.

7. Version history

Version	Author	Description
1.0	Mehdi Qanbarzade	First Version