**Register User**

**Project Name: Library Management System**

Revision History

| **Version** | **Date** | **Revision Description** |
| --- | --- | --- |
| 1 | January 17, 2015 | Initial Draft |
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**Use Case Name:** Register User

**Use case Description:** User Registration/Account creation.

**Actor:**

User

**Trigger:**

User action

**Pre conditions:**

None

**Success end conditions:**

1. Create user in the system.
2. Return user object to user with http code 201(CREATED)

**Failure end condition:**

1. User registration fails when user already exists in the System with error message “User already exists in the System” and with http return code 400.
2. User registration fails as user is nonresident of New York City with error message “User is nonresident of New York City” and http return code 400.

**Primary Flow:**

1. User create HTTP POST request with user registration details. For details, please refer Special Requirements.
2. System validates that emailId doesn’t exist in the system.
3. System validates that user provided address is in New York City.
4. System creates User in the system.

**Alternate Flow:**

2a. use case ends, and returns failure end condition 1.

3a. use case ends, and returns failure end condition 2.

**Frequency of Use:**

30/min

**Special Requirements:**

User must provide below information in the input http request

1. First Name
2. Last Name
3. Date of Birth
4. Gender
5. Street Address
6. City
7. Zipcode
8. emailId
9. password
10. Phone Number

**Assumptions:**

None