**Basic Info About Application:**

1. **To get the value of Currently logged user I have implemented Spring Security along with JWT Token.**
2. **All endpoints are Secured using JWT Tokens.**
3. **To Access the (getUserPreference and updateUserPreference) end points, first we need to generate JWTToken.**
4. **JWTToken Is Valid for 30 minutes**
5. **Below are the 5 users who have access to application**

**List of User Who have access to application:**

|  |  |  |
| --- | --- | --- |
| UserName | Password | UserId |
| User1 | User1 | 1000 |
| User2 | User2 | 2000 |
| User3 | User3 | 3000 |
| User4 | User4 | 4000 |
| User5 | User5 | 5000 |

**URL to generate JWT token:**

Request:

<http://localhost:8080/authenticate>

Request body:

{

    "username":"User1",

    "password":"User1"

// we can make use of any username and password who has access to application

}

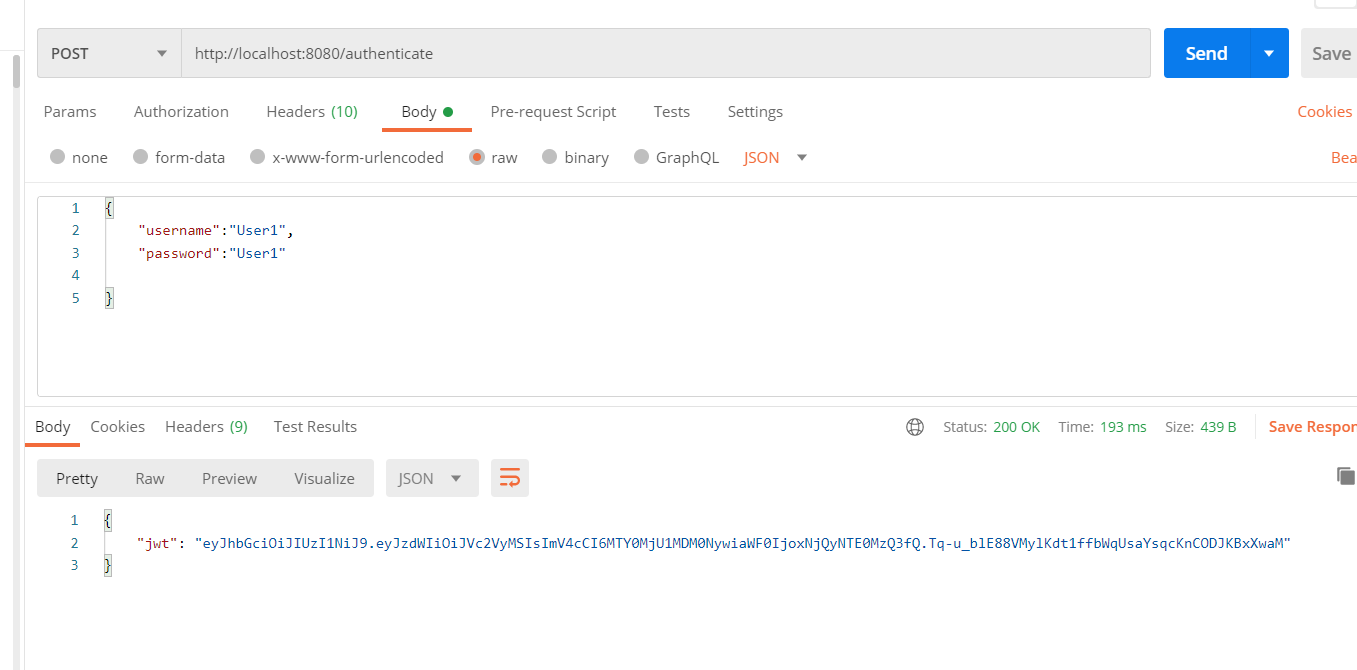
Example:

Response:

{

    "jwt": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJVc2VyMSIsImV4cCI6MTY0MjU1MDM0NywiaWF0IjoxNjQyNTE0MzQ3fQ.Tq-u\_blE88VMylKdt1ffbWqUsaYsqcKnCODJKBxXwaM"

}

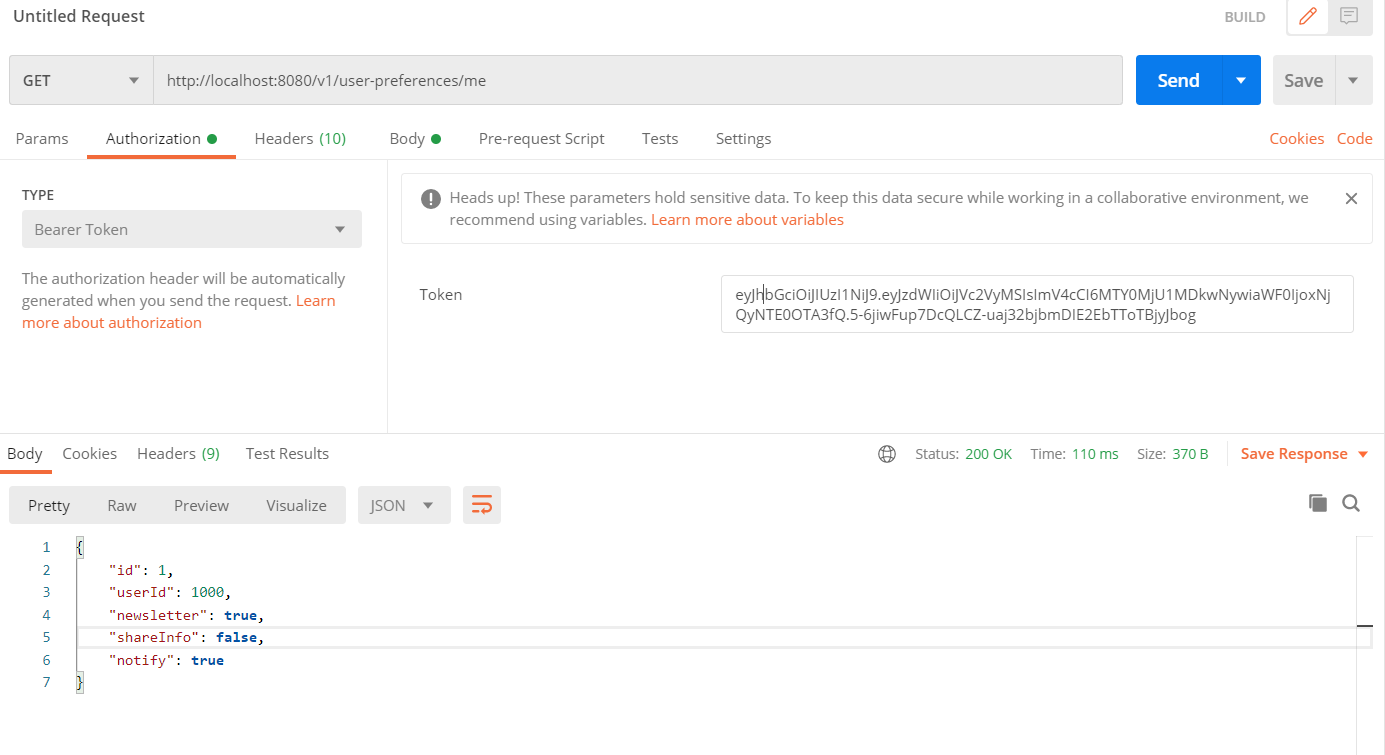


**To Get User Preference: Get Method**

Request:

[http://localhost:8080/v1/user-preferences /{userId}](http://localhost:8080/v1/user-preferences%20/%7buserId%7d)

Provide the JWT Token generated as Bearer Token Authorization to access this end point.



**Response**:

If UserId equals to “me”

It will return currently logged User Prefernce record from database along with http status code 200;

If UserId is present

It will return User Prefernce record from database;

Example :

{

    "id": 1,

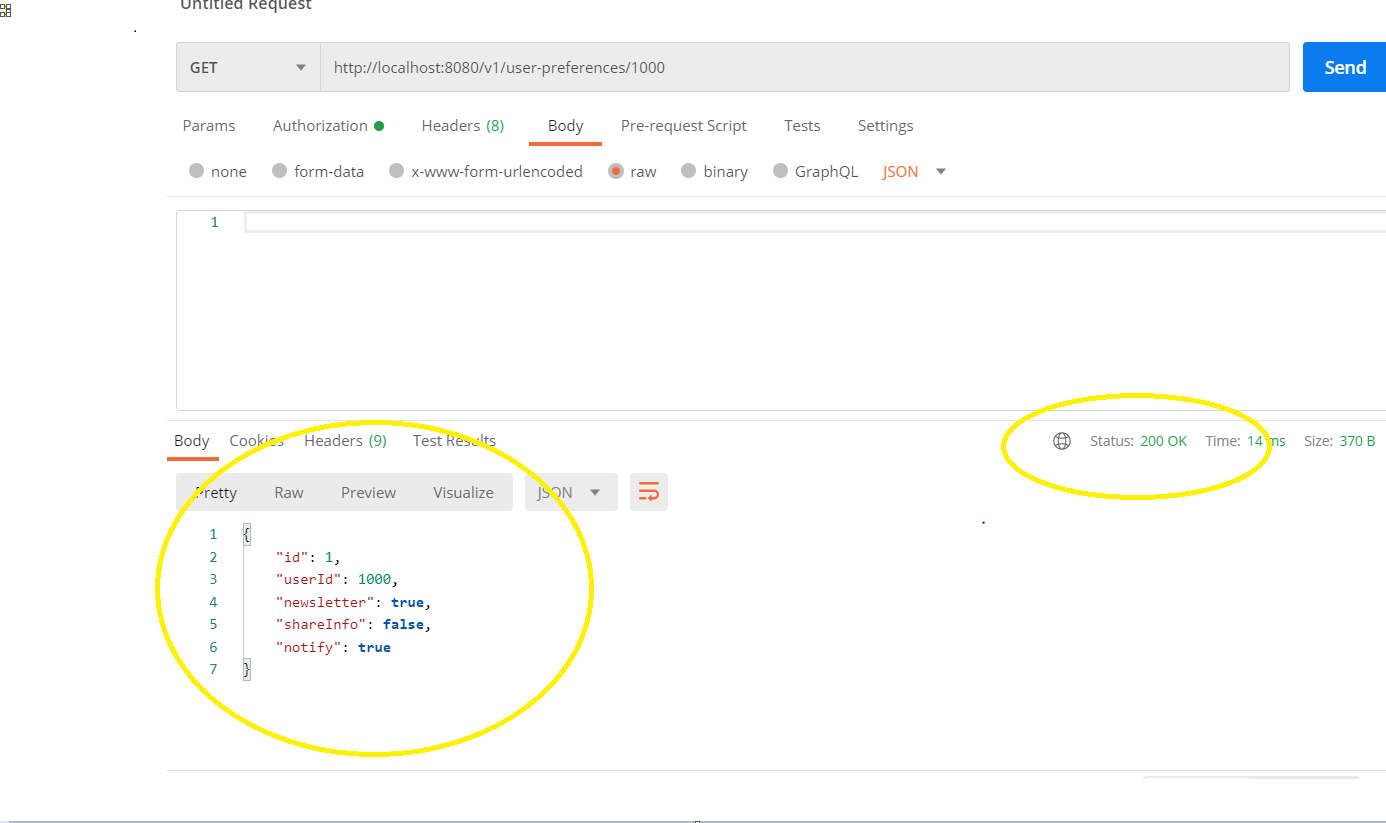
    "userId": 1000,

    "newsletter": **true**,

    "shareInfo": **false**,

    "notify": **true**

}



If UserId is not Present

It will return empty user Preference record with default values along with status code 404;

{

    "id": **null**,

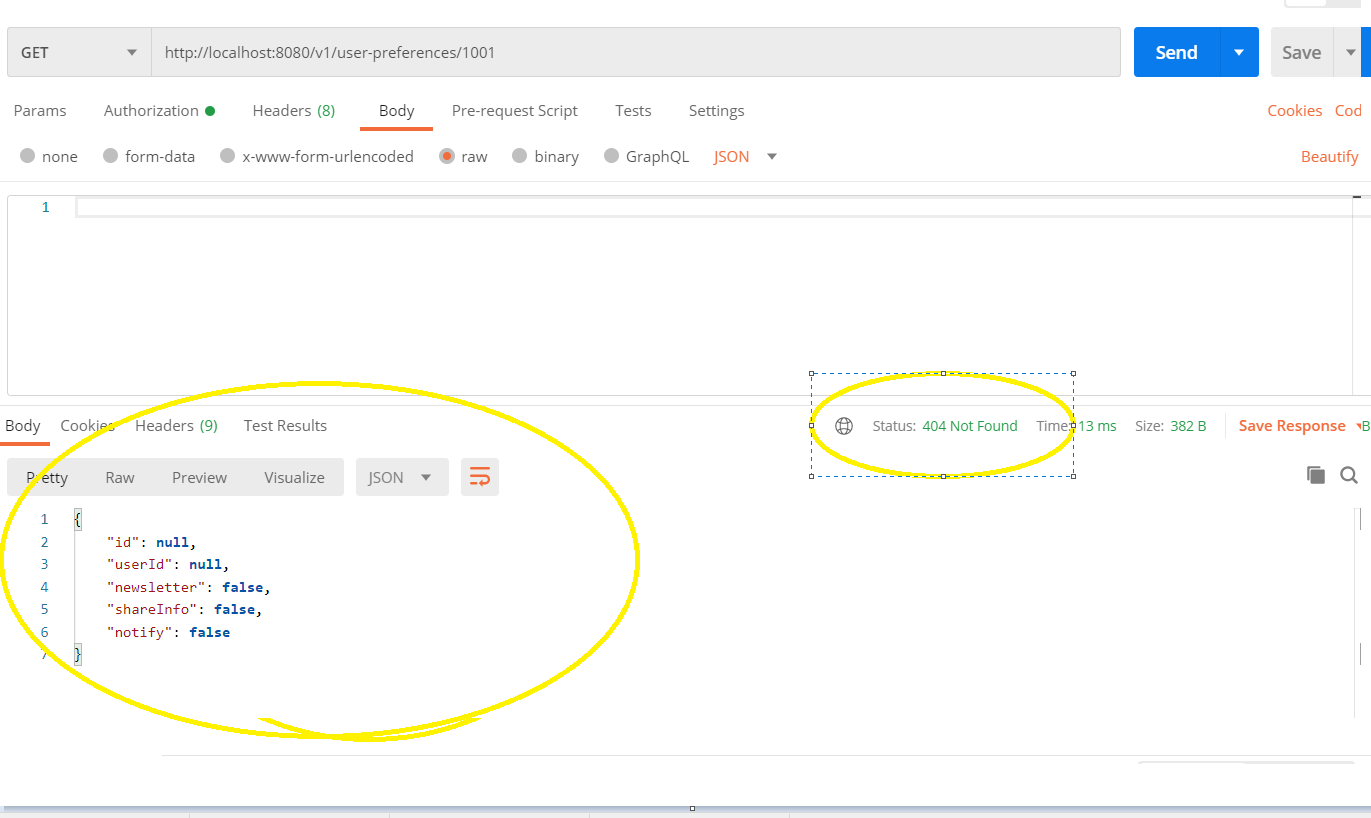
    "userId": **null**,

    "newsletter": **false**,

    "shareInfo": **false**,

    "notify": **false**

}



**To Update User Preference: Post Method**

**Parameters which will be updated in User Preferences:**

newsletter

  shareInfo

  notify

**Request:**

[http://localhost:8080/v1/user-preferences/{userId}](http://localhost:8080/v1/user-preferences/%7buserId%7d)

Provide the JWT Token generated as Bearer Token Authorization to access this end point.

In Request Body provide user Preference value that need to be updated

Example:

{

    "id": 1,

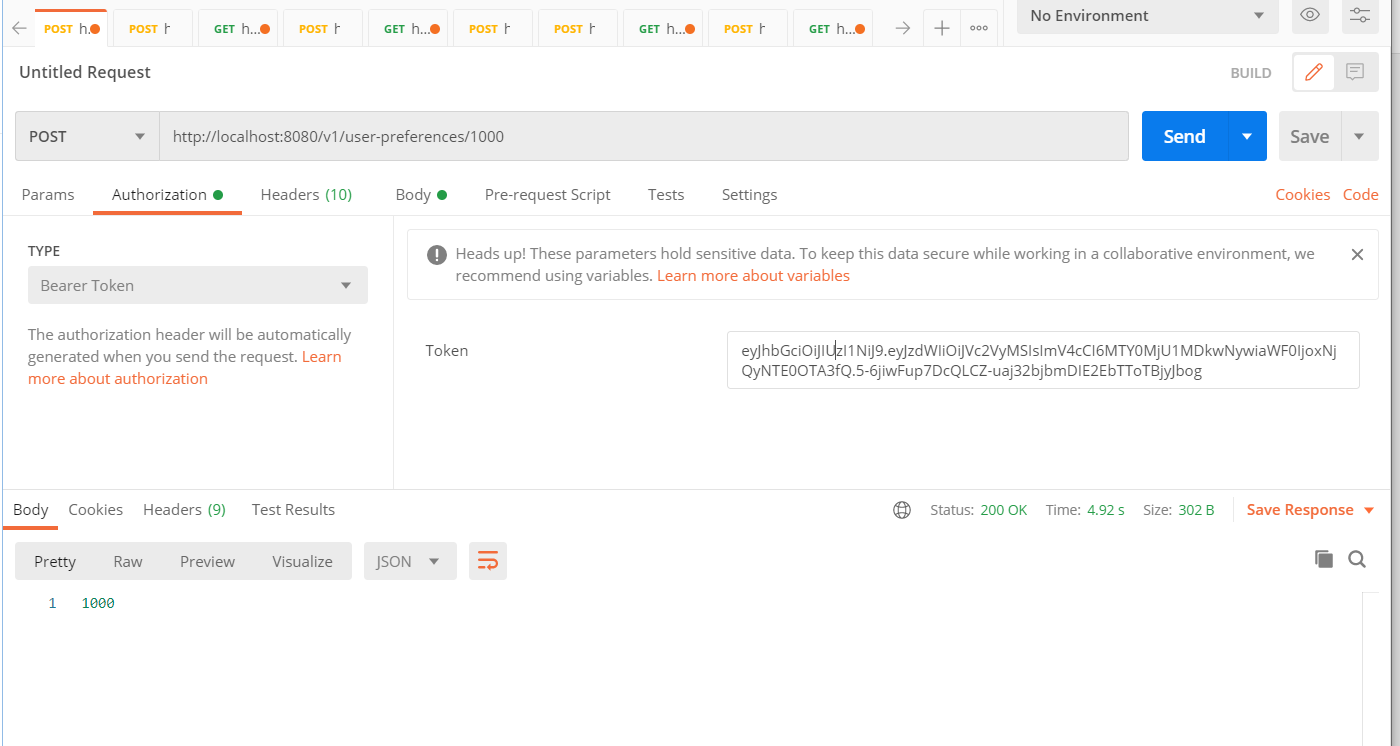
    "userId": 1001,

    "newsletter": **true**,

    "shareInfo": **true**,

    "notify": **true**

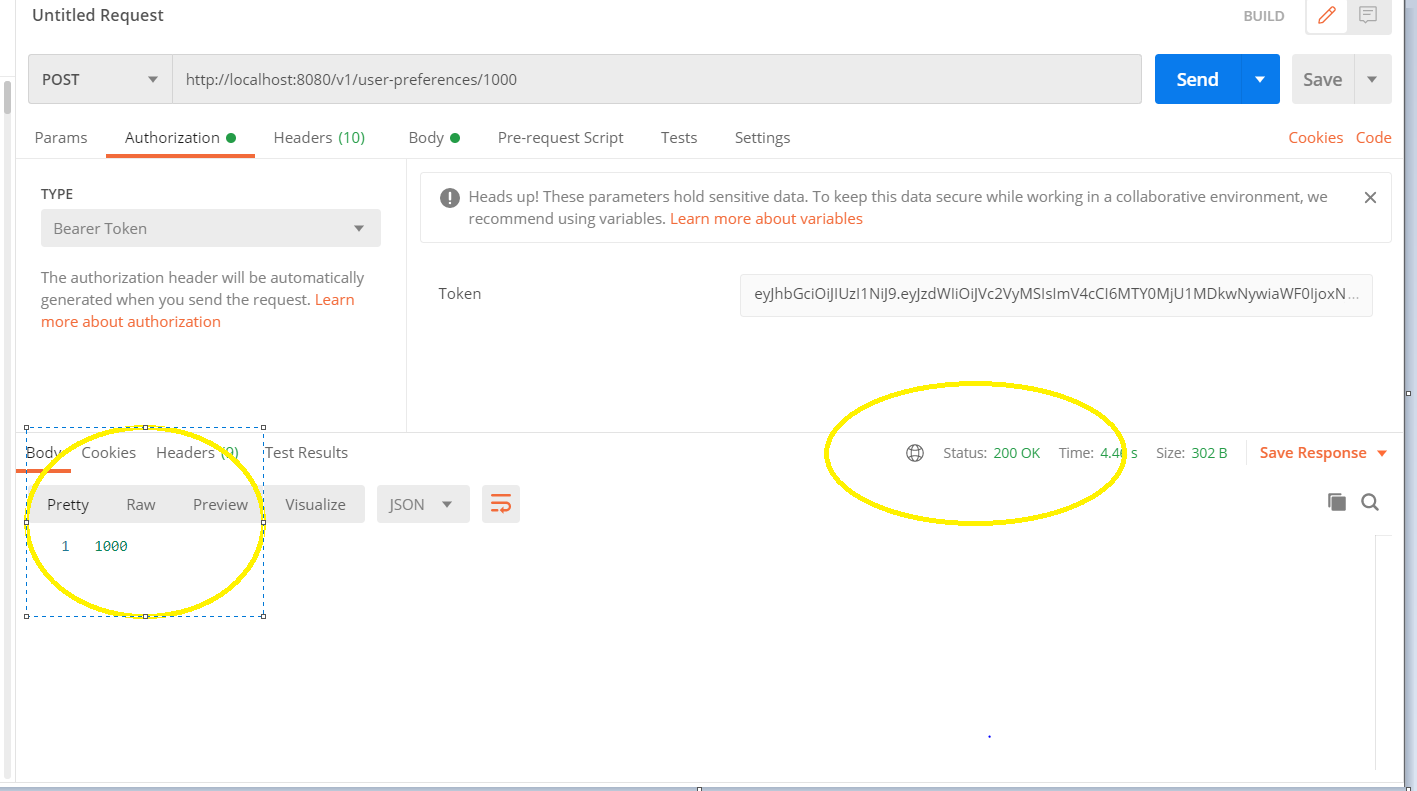
}



**Response**:

1. If UserId is present

It will return Updated UserId along with http status code 200



If UserId is not Present

It will return -1 along with http status code 404

