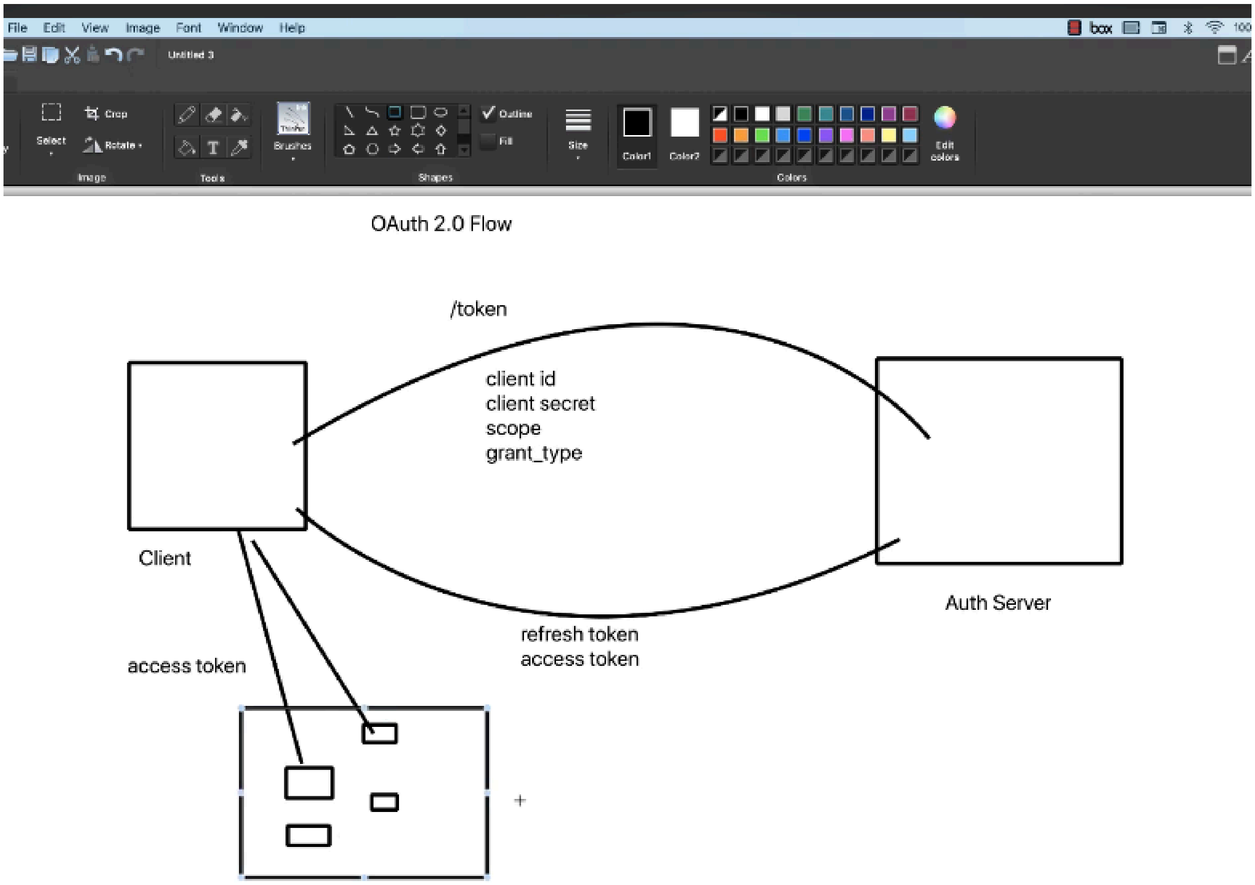
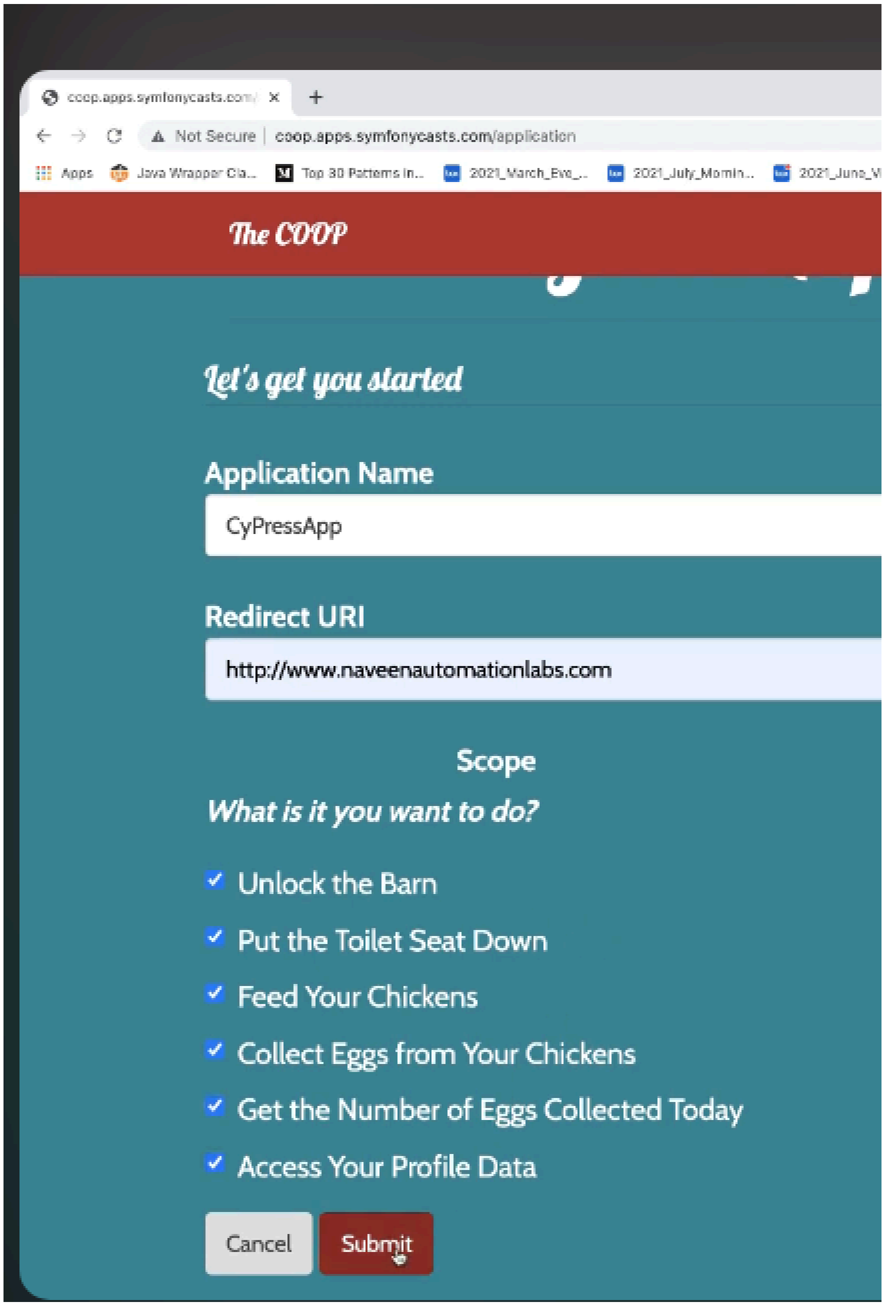


Application to create for oauth 2.0-



Let's get you started

Application Name

CyPressApp

Redirect URI

http://www.naveenautomationlabs.com

Scope

What is it you want to do?

☑ Unlock the Barn

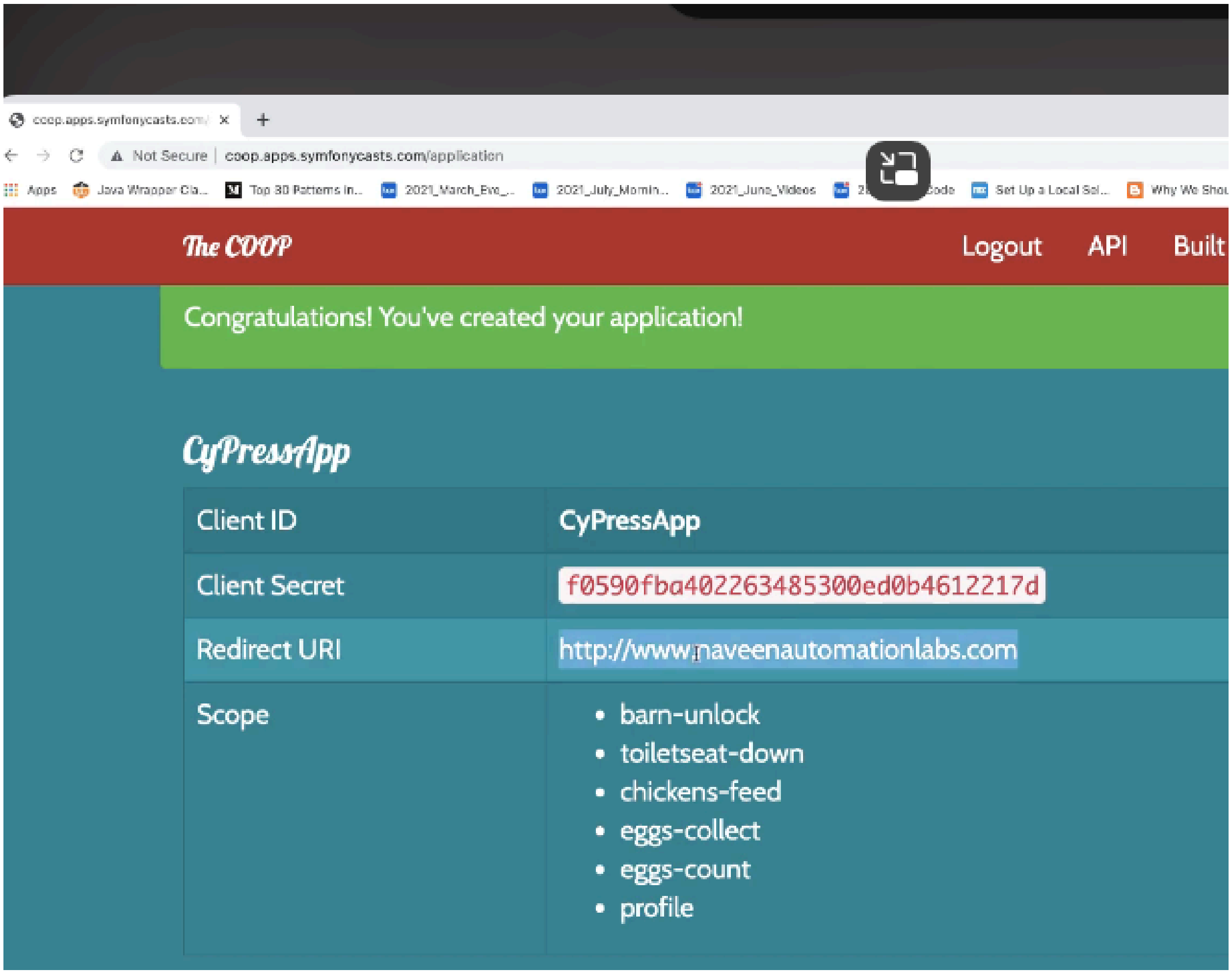
☑ Put the Toilet Seat Down

☑ Feed Your Chickens

☑ Collect Eggs from Your Chickens

☑ Get the Number of Eggs Collected Today

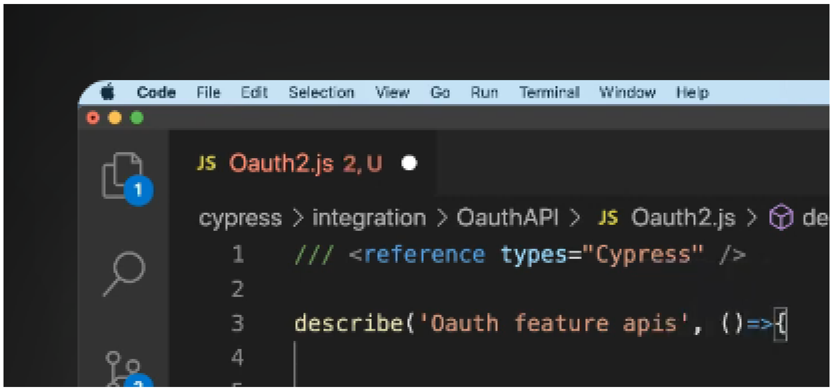
☑ Access Your Profile Data



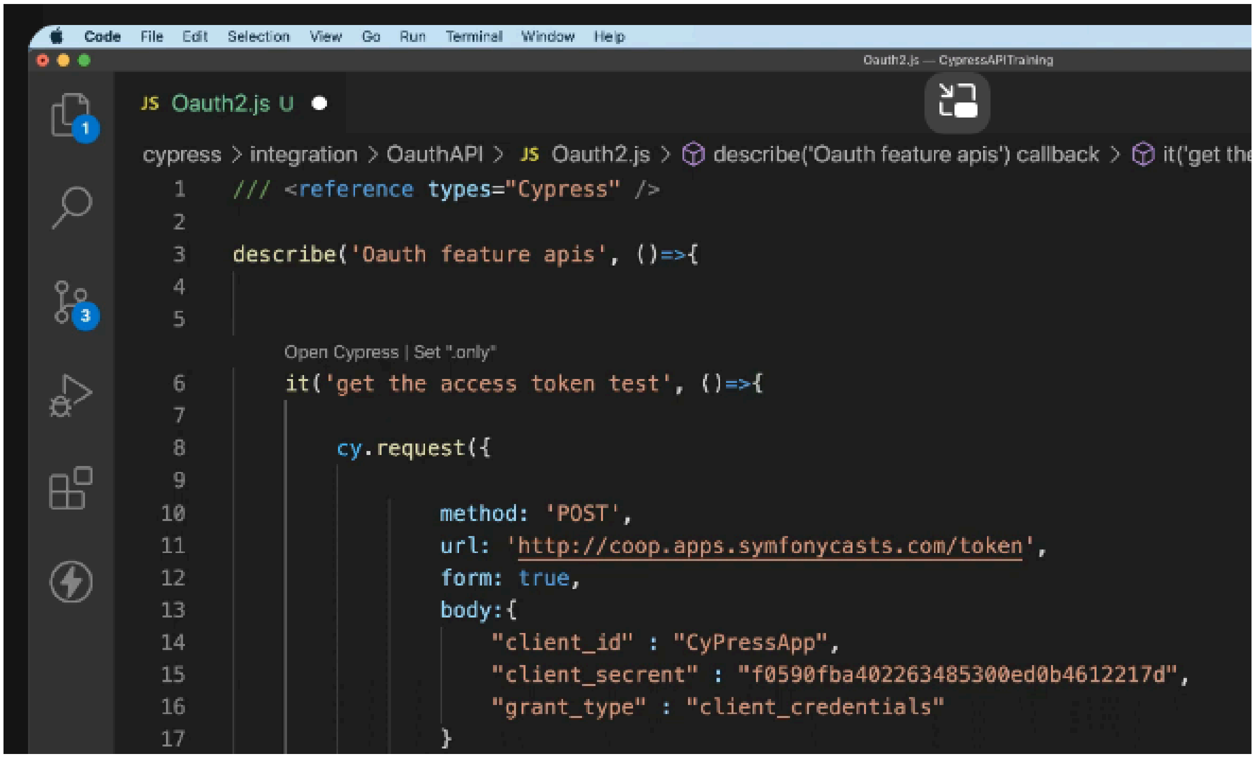
Congratulations! You've created your application!

CyPressApp

Client ID	CyPressApp
Client Secret	f0590fba402263485300ed0b4612217d
Redirect URI	http://www.naveenautomationlabs.com
Scope	• barn-unlock • toiletseat-down • chickens-feed • eggs-collect • eggs-count • profile

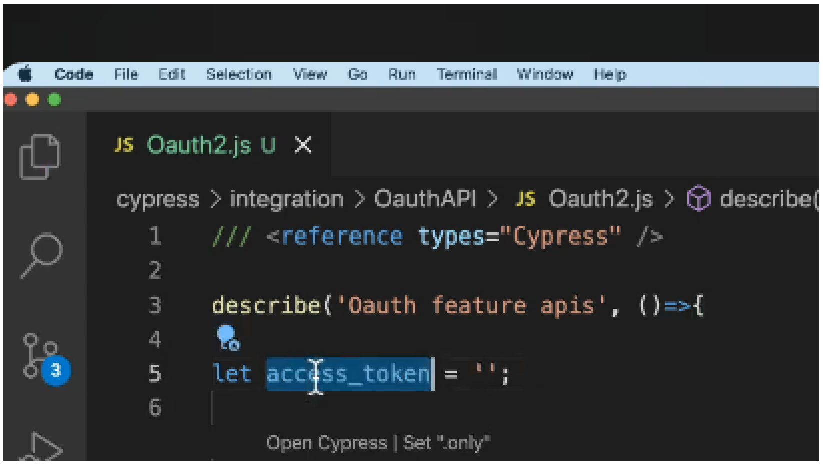


```
/// <reference types="Cypress" />

describe('Oauth feature apis', ()=>{
```

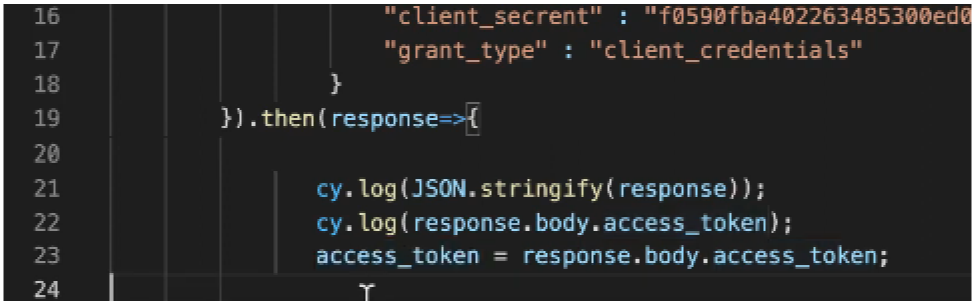

Code File Edit Selection View Go Run Terminal Window Help
Oauth2.js — CypressAPITraining
JS Oauth2.js U
cypress > integration > OauthAPI > JS Oauth2.js > describe('Oauth feature apis') callback > it('get the
Open Cypress | Set ".only"

```
/// <reference types="Cypress" />

describe('Oauth feature apis', ()=>{


    it('get the access token test', ()=>{

        cy.request({

                method: 'POST',
                url: 'http://coop.apps.symfonycasts.com/token',
                form: true,
                body:{
                    "client_id" : "CyPressApp",
                    "client_secrent" : "f0590fba402263485300ed0b4612217d",
                    "grant_type" : "client_credentials"
                }
```

Added5
Access token variable created at global level.

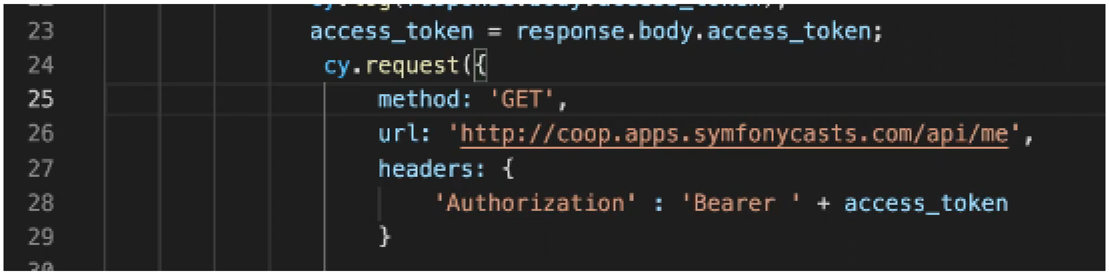

Code File Edit Selection View Go Run Terminal Window Help
JS Oauth2.js U
cypress > integration > OauthAPI > JS Oauth2.js > describe(
Open Cypress | Set ".only"

```
/// <reference types="Cypress" />

describe('Oauth feature apis', ()=>{

let access_token = '';

```



```
                    "client_secrent" : "f0590fba402263485300ed0
                    "grant_type" : "client_credentials"
                }
        }).then(response=>{

            cy.log(JSON.stringify(response));
            cy.log(response.body.access_token);
            access_token = response.body.access_token;

```

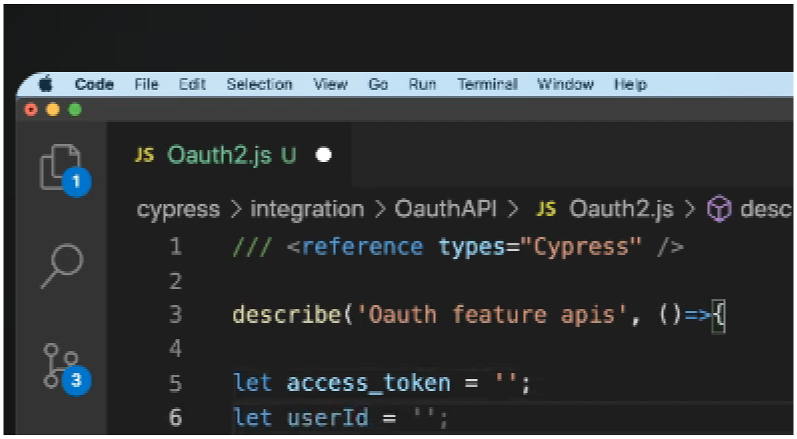
Use get call with the access token to get the user ids.



```
access_token = response.body.access_token;
 cy.request({
     method: 'GET',
     url: 'http://coop.apps.symfonycasts.com/api/me',
     headers: {
         'Authorization' : 'Bearer ' + access_token
     }
```

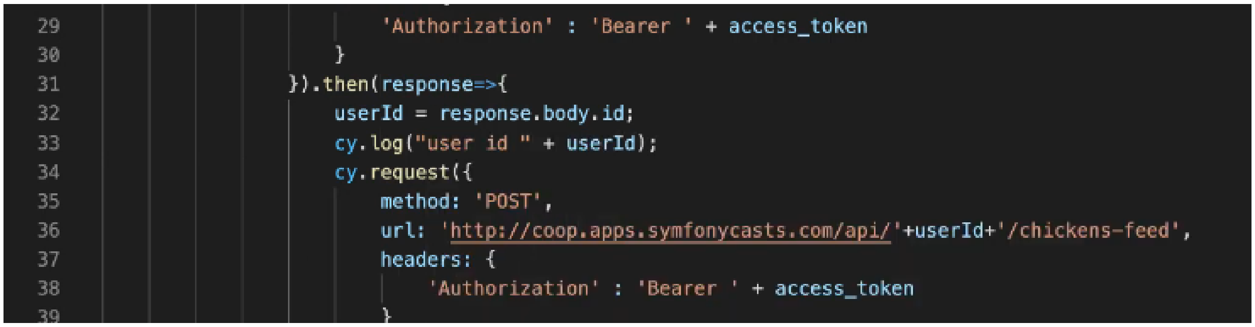
Line6

Added user id at global level.

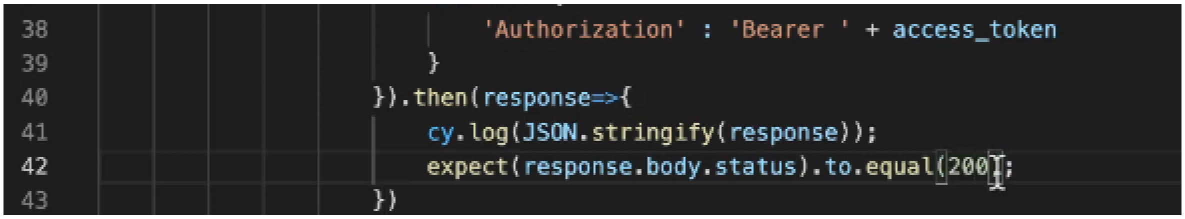


```
1   /// <reference types="Cypress" />
2
3   describe('Oauth feature apis', ()=>{
4
5   let access_token = '';
6   let userId = '';
```

Use post call with the user id.

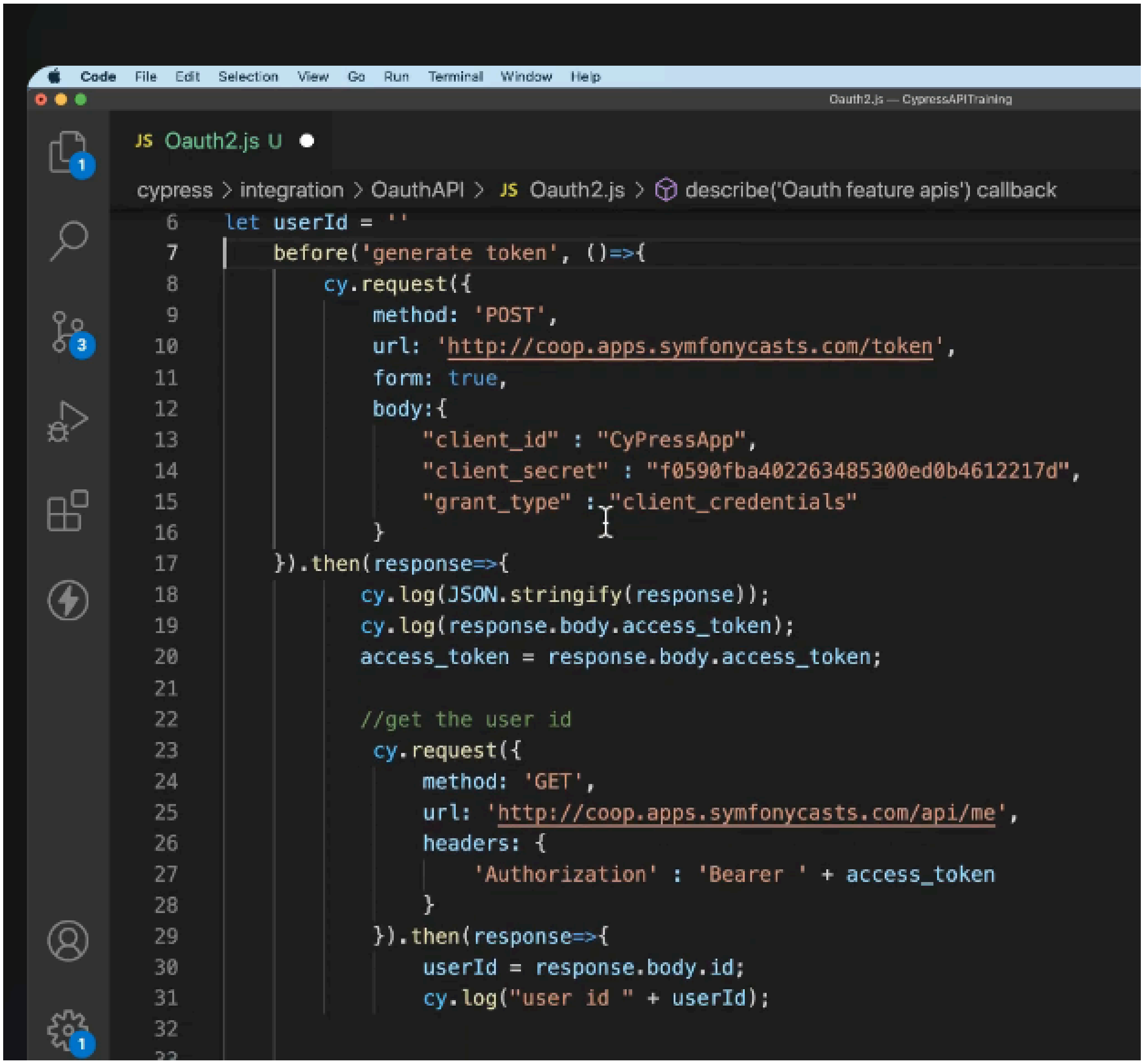


```
            'Authorization' : 'Bearer ' + access_token
        }
    }).then(response=>{
        userId = response.body.id;
        cy.log("user id " + userId);
        cy.request({
            method: 'POST',
            url: 'http://coop.apps.symfonycasts.com/api/'+userId+'/chickens-feed',
            headers: {
                'Authorization' : 'Bearer ' + access_token
```



```
            'Authorization' : 'Bearer ' + access_token
        }
    }).then(response=>{
        cy.log(JSON.stringify(response));
        expect(response.body.status).to.equal(200);
    })
```

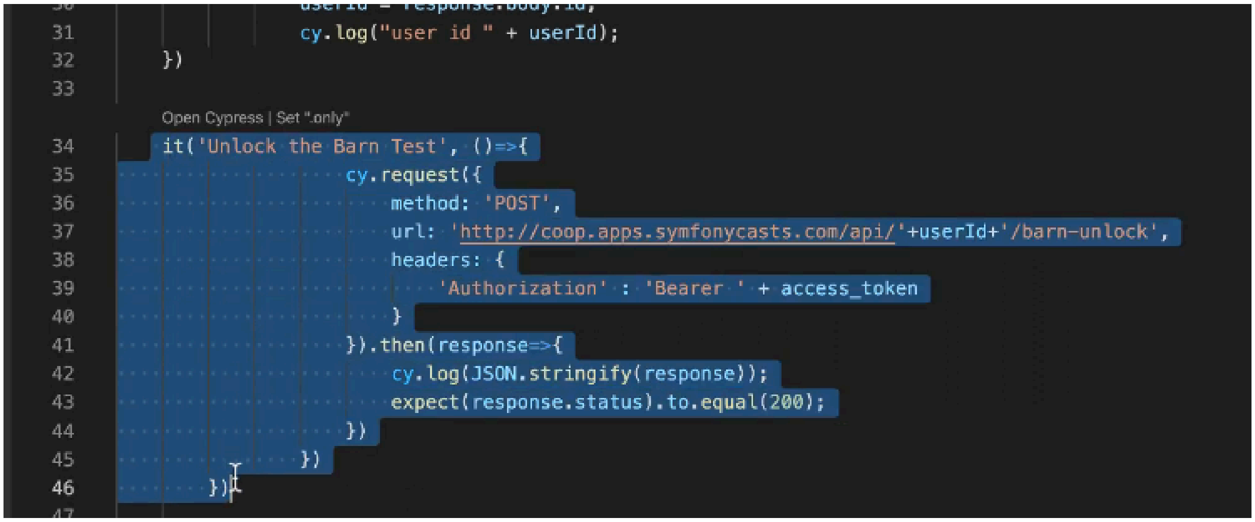
Before call
To run before all the tests. Upto user id generation.



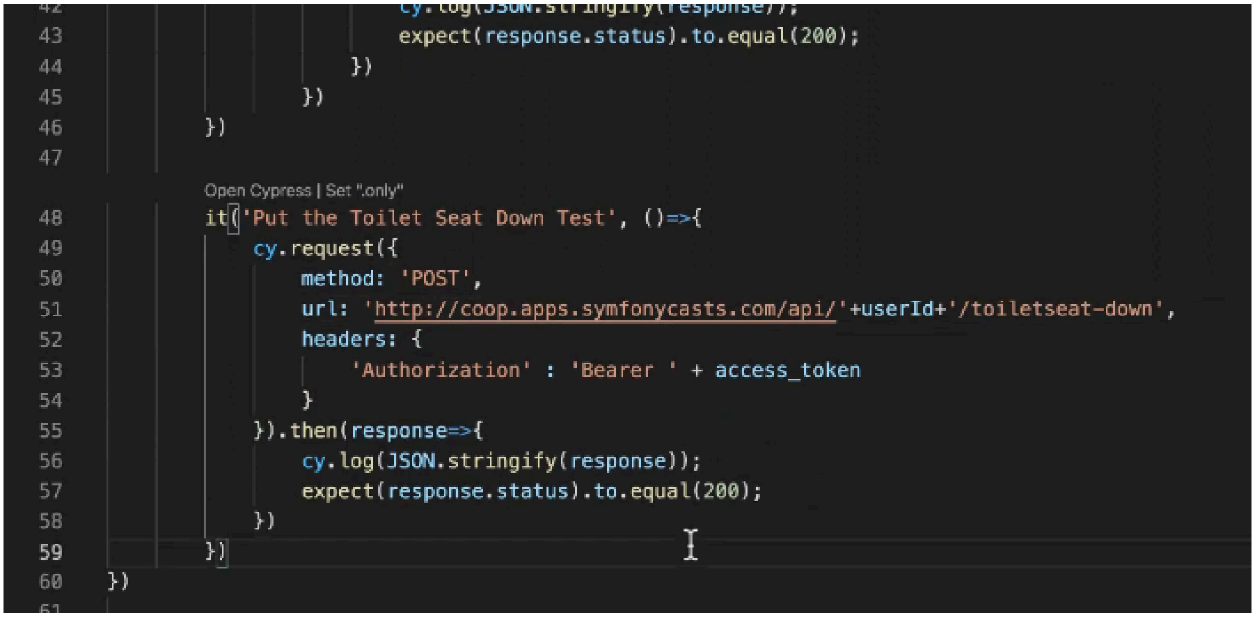
Code File Edit Selection View Go Run Terminal Window Help
Oauth2.js — CypressAPITraining
JS Oauth2.js U
cypress > integration > OauthAPI > JS Oauth2.js > describe('Oauth feature apis') callback

```
let userId = ''
    before('generate token', ()=>{
        cy.request({
            method: 'POST',
            url: 'http://coop.apps.symfonycasts.com/token',
            form: true,
            body:{
                "client_id" : "CyPressApp",
                "client_secret" : "f0590fba402263485300ed0b4612217d",
                "grant_type" : "client_credentials"
            }
    }).then(response=>{
           cy.log(JSON.stringify(response));
           cy.log(response.body.access_token);
           access_token = response.body.access_token;

           //get the user id
            cy.request({
                method: 'GET',
                url: 'http://coop.apps.symfonycasts.com/api/me',
                headers: {
                    'Authorization' : 'Bearer ' + access_token
                }
            }).then(response=>{
                userId = response.body.id;
                cy.log("user id " + userId);
```

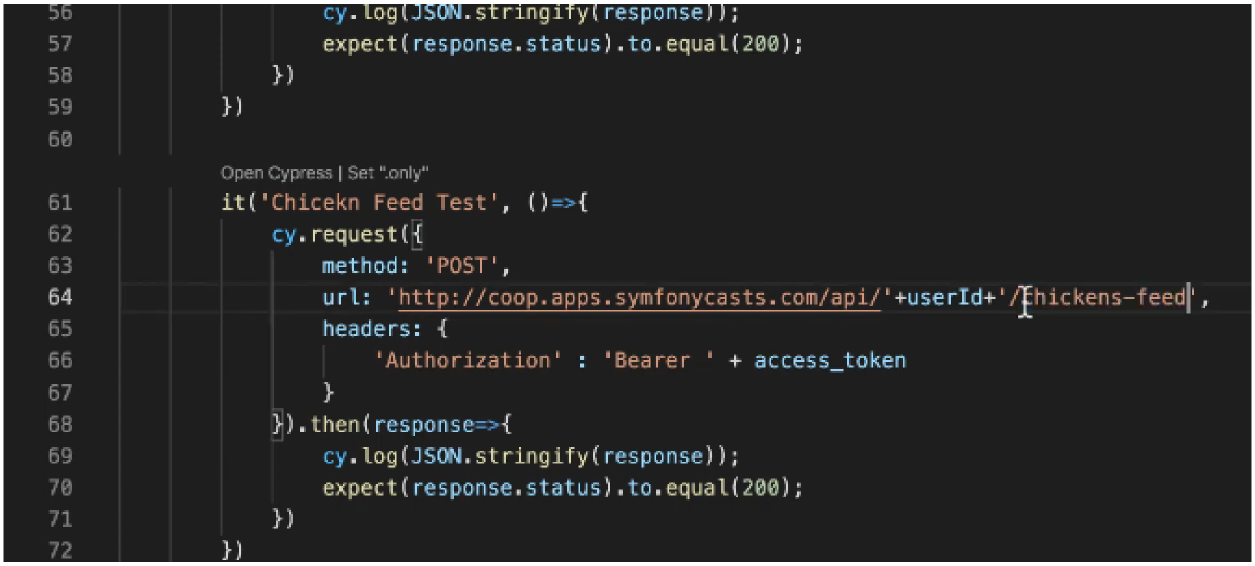
Then you can use different it blocks for different scenarios.



```
                userId = response.body.id;
                cy.log("user id " + userId);
        })

        it('Unlock the Barn Test', ()=>{
                cy.request({
                    method: 'POST',
                    url: 'http://coop.apps.symfonycasts.com/api/'+userId+'/barn-unlock',
                    headers: {
                        'Authorization' : 'Bearer ' + access_token
                    }
                }).then(response=>{
                    cy.log(JSON.stringify(response));
                    expect(response.status).to.equal(200);
                })
            })
        })
```

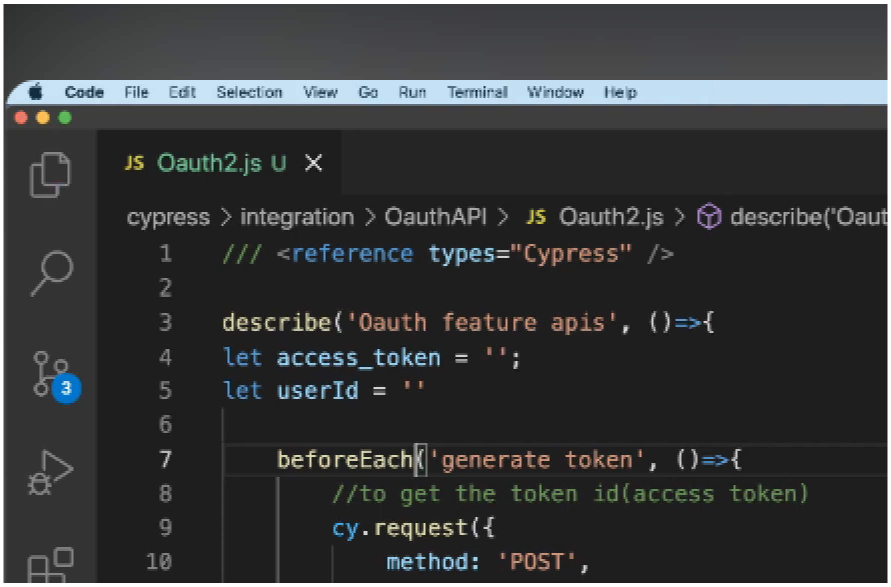


```
                    cy.log(JSON.stringify(response));
                    expect(response.status).to.equal(200);
                })
            })
        })

        it('Put the Toilet Seat Down Test', ()=>{
            cy.request({
                method: 'POST',
                url: 'http://coop.apps.symfonycasts.com/api/'+userId+'/toiletseat-down',
                headers: {
                    'Authorization' : 'Bearer ' + access_token
                }
            }).then(response=>{
                cy.log(JSON.stringify(response));
                expect(response.status).to.equal(200);
            })
        })
})
```



```
                cy.log(JSON.stringify(response));
                expect(response.status).to.equal(200);
            })
        })

        it('Chicekn Feed Test', ()=>{
            cy.request({
                method: 'POST',
                url: 'http://coop.apps.symfonycasts.com/api/'+userId+'/chickens-feed',
                headers: {
                    'Authorization' : 'Bearer ' + access_token
                }
            }).then(response=>{
                cy.log(JSON.stringify(response));
                expect(response.status).to.equal(200);
            })
        })
```

Changed7
Before each.
This will run before each test.
Good practice as token will never expire unnecessarily in test environment.


Code
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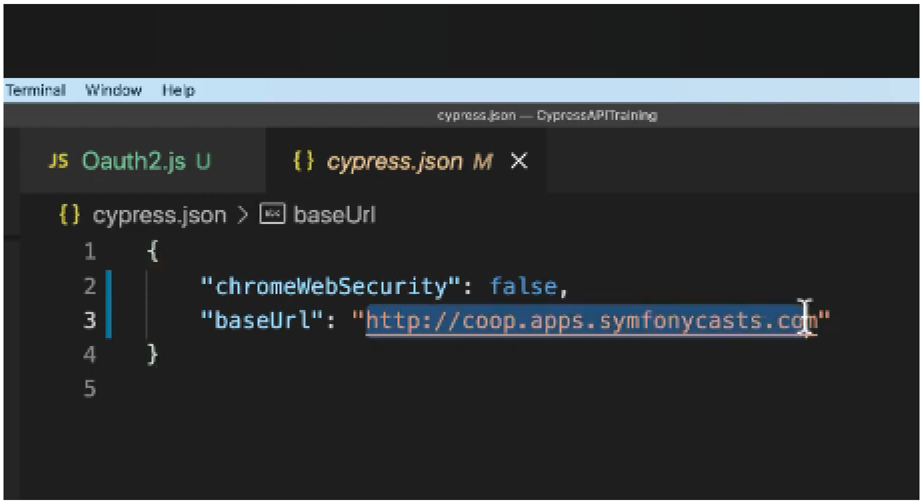
Go
Run
Terminal
Window
Help
Oauth2.js U
3
cypress > integration > OauthAPI > Oauth2.js > describe('Oaut

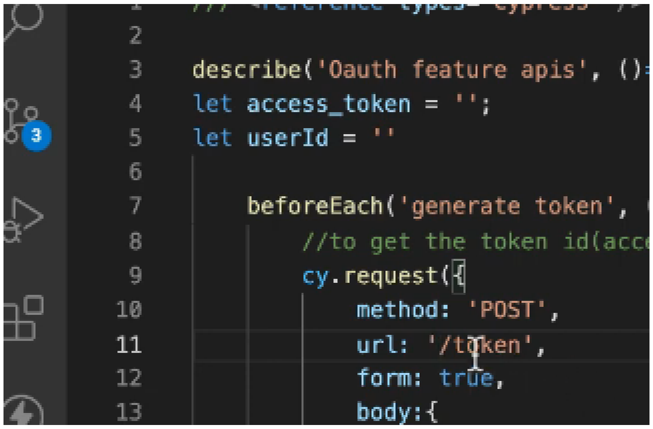
```
/// <reference types="Cypress" />

describe('Oauth feature apis', ()=>{
let access_token = '';
let userId = ''

    beforeEach('generate token', ()=>{
        //to get the token id(access token)
        cy.request({
            method: 'POST',
```

Maintain base url in cypress json file



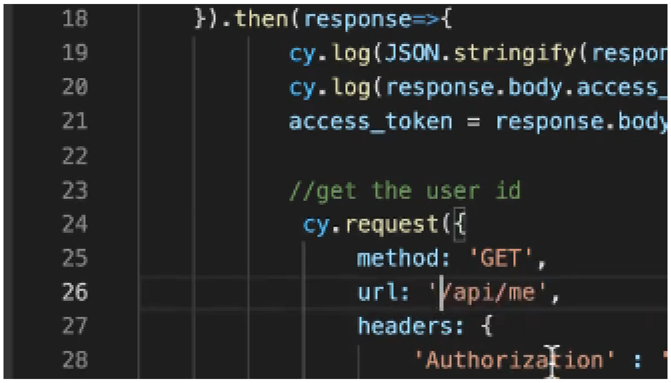
```
1   {
2       "chromeWebSecurity": false,
3       "baseUrl": "http://coop.apps.symfonycasts.com"
4   }
5
```

Changed11
How to use the base url in class.



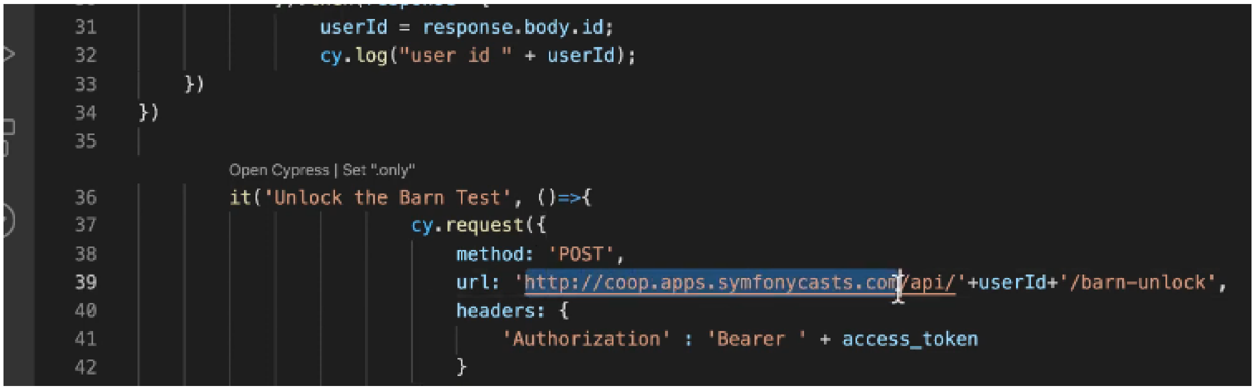
```
 1  /// <reference types="cypress" />
 2
 3  describe('Oauth feature apis', ()=
 4  let access_token = '';
 5  let userId = ''
 6
 7      beforeEach('generate token', (
 8          //to get the token id(acce
 9          cy.request({
10              method: 'POST',
11              url: '/token',
12              form: true,
13              body:{
```

changed
26. how to use the base url in class.



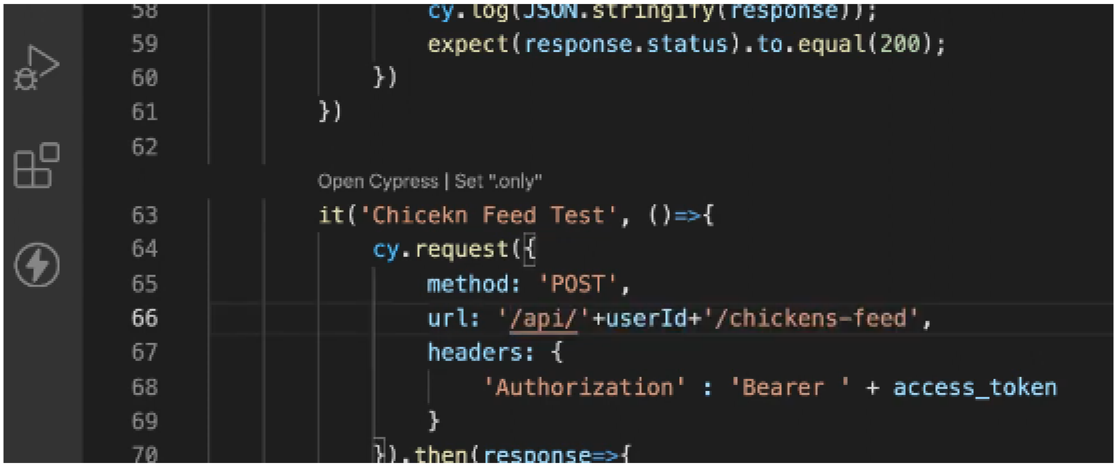
```
18          }).then(response=>{
19                  cy.log(JSON.stringify(respon
20                  cy.log(response.body.access_
21                  access_token = response.body
22
23                  //get the user id
24                   cy.request({
25                      method: 'GET',
26                      url: '/api/me',
27                      headers: {
28                          'Authorization' : '
```

Change39.
Same like above, changed base url.



```
                }).then(response=>{
                    userId = response.body.id;
                    cy.log("user id " + userId);
            })
        })

        Open Cypress | Set ".only"
        it('Unlock the Barn Test', ()=>{
                cy.request({
                    method: 'POST',
                    url: 'http://coop.apps.symfonycasts.com/api/'+userId+'/barn-unlock',
                    headers: {
                        'Authorization' : 'Bearer ' + access_token
                    }
```

Change66
Changed base url.



```
                cy.log(JSON.stringify(response));
                expect(response.status).to.equal(200);
            })
        })

        Open Cypress | Set ".only"
        it('Chicekn Feed Test', ()=>{
            cy.request({
                method: 'POST',
                url: '/api/'+userId+'/chickens-feed',
                headers: {
                    'Authorization' : 'Bearer ' + access_token
                }
            }).then(response=>{
```