UNIT TEST PLAN AND RESULT
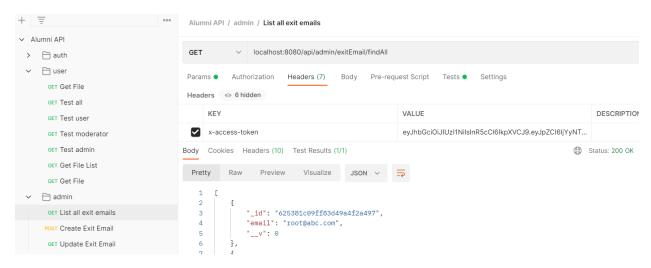
Project name:	Alumni API
Module (e.g., class) name:	Exit Email, Sign-up, Sign-in, Get File

Designed by:	Kashish Lathidadia	Design date:	April 08, 2022
Executed by:	Marlon Robancho	Execution date:	April 10, 2022

Test case #	Title	Test data (and steps)	Expected Result	Actual Result	Success (Y/N)
1	Create Exit Email	Please see postman screenshots below	Exit email created successfully	Exit email created successfully	Y
2	List all exit emails	Please see postman screenshots below	Returns all exit emails	All exit emails have been returned	Y
3	Signup	Please see postman screenshots below	Email successfully signed up	Email successfully signed up	Y
4	Signup – already registered	Please see postman screenshots below	Returns message, Failed! Username is already in use!	Returned message, Failed! Username is already in use!	Y
5	Sign-in	Please see postman screenshots below	Signed in successfully	Signed in successfully	Y
6	Sign-in - invalid password	Please see postman screenshots below	Returns message, Invalid Password!	Returned message, Invalid Password!	Y
7	Get File List	Please see postman screenshots below	Returns all file list for the specific user	All file list for the specific user has been returned	Y
8	Get File	Please see postman screenshots below	Returns specific file for the specific user	Specific file for the specific user has been returned	Y

Create Exit Email

Create Exit Email (screenshot 1)

Alumni API / admin / Create Exit Email

POST   localhost:8080/api/admin/exitEmail/create

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests ●   Settings

1 pm.test("Body matches string", function () {
2   pm.expect(pm.response.text()).to.include("mrobancho4X@gmail.com");
3 });

Body   Cookies   Headers (10)   Test Results (1/1)   Status: 200 OK

Pretty   Raw   Preview   Visualize   JSON ⌄

1 {
2   "_id": "62538c9ef883c6341c282cd5",
3   "email": "mrobancho4X@gmail.com",
4   "__v": 0
5 }

Create Exit Email (screenshot 2)

Alumni API / admin / Create Exit Email

POST   localhost:8080/api/admin/exitEmail/create

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests ●   Settings

1 pm.test("Body matches string", function () {
2   pm.expect(pm.response.text()).to.include("mrobancho4X@gmail.com");
3 });

Body   Cookies   Headers (10)   Test Results (1/1)   Status: 200 OK   Time: 1

All   Passed   Skipped   Failed

PASS   Body matches string

List all exit emails

Alumni API / admin / List all exit emails

GET   localhost:8080/api/admin/exitEmail/findAll

Params ●   Authorization   Headers (7)   Body   Pre-request Script   Tests ●   Settings

Headers   👁 6 hidden

KEY   VALUE   DESCRIPTION
☑ x-access-token   eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjYyNT...

Body   Cookies   Headers (10)   Test Results (1/1)   Status: 200 OK

Pretty   Raw   Preview   Visualize   JSON ⌄

1 [
2   {
3   "_id": "625381c09ff83d49a4f2a497",
4   "email": "root@abc.com",
5   "__v": 0
6   },
7   {

GET   localhost:8080/api/admin/exitEmail/findAll

Params ●   Authorization   Headers (7)   Body   Pre-request Script   Tests ●   Settings

```
1   pm.test("Body matches string", function () {
2       pm.expect(pm.response.text()).to.include("mrobancho1X@gmail.com");
3   });
```

Body   Cookies   Headers (10)   Test Results (1/1)   Status: 200 OK

All   Passed   Skipped   Failed

PASS   Body matches string

Signup

POST   localhost:8080/api/auth/signup

Params   Authorization   Headers (8)   Body ●   Pre-request Script   Tests ●   Settings

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○ GraphQL   JSON ⌄

```
1   {
2       "username":"user_mrobancho3X",
3       "email":"mrobancho3X@gmail.com",
4       "password":"123456"
5   }
```

Body   Cookies   Headers (10)   Test Results (1/1)   Status: 200 OK

Pretty   Raw   Preview   Visualize   JSON ⌄

```
1   {
2       "message": "User was registered successfully!"
3   }
```

POST | localhost:8080/api/auth/signup

Params | Authorization | Headers (8) | Body ● | Pre-request Script | Tests ● | Settings

```
1  pm.test("Body matches string", function () {
2      pm.expect(pm.response.text()).to.include("User was registered successfully!");
3  });
```

Body | Cookies | Headers (10) | Test Results (1/1) | Status: 200 OK

All | Passed | Skipped | Failed

PASS | Body matches string

Signup – already registered

POST | localhost:8080/api/auth/signup

Params | Authorization | Headers (8) | Body ● | Pre-request Script | Tests ● | Settings

none | form-data | x-www-form-urlencoded | raw | binary | GraphQL | JSON ⌄

```
1  {
2      "username":"user_mrobancho1X",
3      "email":"mrobancho1X@gmail.com",
4      "password":"123456"
5  }
```

Body | Cookies | Headers (10) | Test Results (1/1) | Status: 400 Bad Request

Pretty | Raw | Preview | Visualize | JSON ⌄

```
1  {
2      "message": "Failed! Username is already in use!"
3  }
```

POST | localhost:8080/api/auth/signup

Params | Authorization | Headers (8) | Body ● | Pre-request Script | Tests ● | Settings

```
1  pm.test("Body matches string", function () {
2      pm.expect(pm.response.text()).to.include("Failed! Username is already in use!");
3  });
```

Body | Cookies | Headers (10) | Test Results (1/1)   Status: 400 Bad Request

All | Passed | Skipped | Failed

PASS Body matches string

Sign-in

Alumni API / auth / **Signin**

POST | localhost:8080/api/auth/signin

Params | Authorization | Headers (9) | Body ● | Pre-request Script | Tests ● | Settings

○ none | ○ form-data | ○ x-www-form-urlencoded | ● raw | ○ binary | ○ GraphQL | JSON ∨

```
1  {
2      "username":"user_mrobancho1X",
3      "password":"123456"
4  }
```

Body | Cookies | Headers (10) | Test Results (1/1)   Status: 200 OK

Pretty | Raw | Preview | Visualize | JSON ∨

```
1  {
2      "id": "62538648bda7154ed463cd1a",
3      "username": "user_mrobancho1X",
4      "email": "mrobancho1X@gmail.com",
5      "roles": [
6          "ROLE_USER"
7      ],
8      "accessToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
           eyJzdWIiJyNTM4NjQ4YmRhNzE1NGVkNDYzY2QxYSIsImlhdCI6MTY9OTY9MzkvMywi4ZXhwIjoxNjQ5NzMwMzMzfQ
```

POST | localhost:8080/api/auth/signin

Params | Authorization | Headers (9) | Body ● | Pre-request Script | Tests ● | Settings

```
1  pm.test("Body matches string", function () {
2      pm.expect(pm.response.text()).to.include("accessToken");
3  });
```

Body | Cookies | Headers (10) | Test Results (1/1)   Status: 200 OK

All | Passed | Skipped | Failed

PASS Body matches string

POST | localhost:8080/api/auth/signin

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests ●   Settings

```
1  pm.test("Body matches string", function () {
2      pm.expect(pm.response.text()).to.include("roles");
3  });
```

Body   Cookies   Headers (10)   Test Results (1/1)   ⊕   Status: 200 OK

All   Passed   Skipped   Failed

PASS   Body matches string

Sign-in - invalid password

POST | localhost:8080/api/auth/signin

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests ●   Settings

none   form-data   x-www-form-urlencoded   ● raw   binary   GraphQL   JSON ∨

```
1  {
2      "username":"user_mrobancho1X",
3      "password":"7890"
4  }
```

Body   Cookies   Headers (10)   Test Results (1/1)   ⊕   Status: 401 Unauthorized

Pretty   Raw   Preview   Visualize   JSON ∨   ⇥

```
1  {
2      "accessToken": null,
3      "message": "Invalid Password!"
4  }
```

POST | localhost:8080/api/auth/signin

Params | Authorization | Headers (9) | Body ● | Pre-request Script | Tests ● | Settings

```
1  pm.test("Body matches string", function () {
2      pm.expect(pm.response.text()).to.include("Invalid Password!");
3  });
```

Body | Cookies | Headers (10) | Test Results (1/1)   ⊕ Status: 401 Unauthorized

All | Passed | Skipped | Failed

PASS | Body matches string

Sidebar:
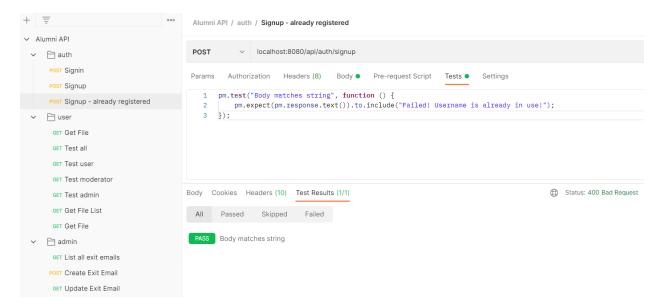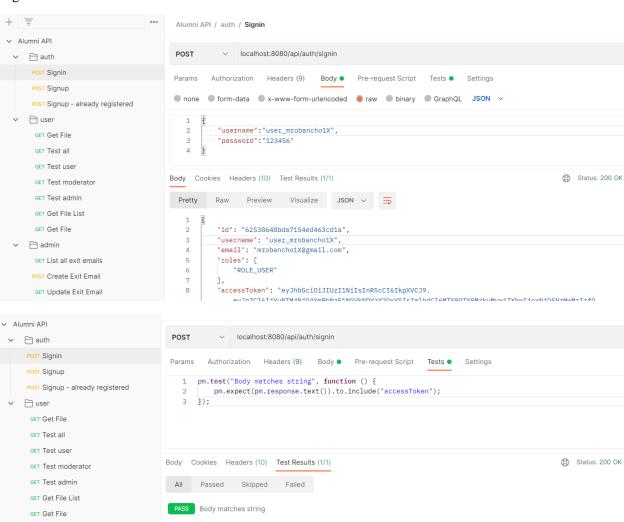- Alumni API
  - auth
    - POST Signin
    - POST Signin - invalid password
    - POST Signup
    - POST Signup - already registered
  - user
    - GET Get File
    - GET Test all
    - GET Test user
    - GET Test moderator
    - GET Test admin
    - GET Get File List
    - GET Get File
  - admin
    - GET List all exit emails
    - POST Create Exit Email
    - GET Update Exit Email

Get File List

GET | localhost:8080/api/user/files

Params ● | Authorization | Headers (7) | Body | Pre-request Script | Tests ● | Settings

Headers 👁 6 hidden

	KEY	VALUE	DESCRIPTIO
☑	x-access-token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjYyNT...	
	Key	Value	Description

Body | Cookies | Headers (10) | Test Results (1/1)   ⊕ Status: 200 OK

Pretty | Raw | Preview | Visualize | JSON

```
1  [
2      {
3          "Key": "root@abc.com/",
4          "LastModified": "2022-04-10T02:05:18.000Z",
5          "ETag": "\"d41d8cd98f00b204e9800998ecf8427e\"",
6          "ChecksumAlgorithm": [],
7          "Size": 0,
8          "StorageClass": "STANDARD"
9      },
10     {
```

Sidebar:
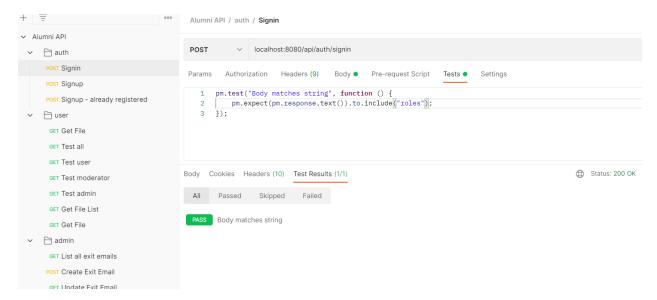- Alumni API
  - auth
    - POST Signin
    - POST Signin - invalid password
    - POST Signup
    - POST Signup - already registered
  - user
    - GET Get File
    - GET Test all
    - GET Test user
    - GET Test moderator
    - GET Test admin
    - GET Get File List
    - GET Get File
  - admin
    - GET List all exit emails
    - POST Create Exit Email
    - GET Update Exit Email

GET	localhost:8080/api/user/files

Params ●   Authorization   Headers (7)   Body   Pre-request Script   **Tests ●**   Settings

```
1  pm.test("Body matches string", function () {
2      pm.expect(pm.response.text()).to.include("root@abc.com/");
3  });
```

Body   Cookies   Headers (10)   **Test Results (1/1)**   ⊕ Status: 200 OK

All   Passed   Skipped   Failed

PASS   Body matches string

Get File

GET	localhost:8080/api/user/file?key=root@abc.com/magic-bg.png

Params ●   Authorization   **Headers (7)**   Body   Pre-request Script   Tests ●   Settings

Headers   👁 6 hidden

	KEY	VALUE	DESCR
☑	x-access-token	eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjYyNT...	
	Key	Value	Descri

Body   Cookies   Headers (10)   Test Results (1/1)   ⊕ Status: 200 OK

Pretty   Raw   Preview   Visualize   JSON ▾

```
1  {
2      "AcceptRanges": "bytes",
3      "LastModified": "2022-04-10T02:06:56.000Z",
4      "ContentLength": 292832,
5      "ETag": "\"7ce885d798a87ca2076e569d97adb420\"",
6      "ContentType": "image/png",
7      "Metadata": {},
8      "Body": {
9          "type": "Buffer",
10         "data": [
```

GET   localhost:8080/api/user/file?key=root@abc.com/magic-bg.png

Params ●   Authorization   Headers (7)   Body   Pre-request Script   Tests ●   Settings

```
1  pm.test("Body matches string", function () {
2      pm.expect(pm.response.text()).to.include("Body");
3  });
```

Body   Cookies   Headers (10)   Test Results (1/1)   Status: 200 OK

All   Passed   Skipped   Failed

PASS   Body matches string

Alumni API

- **auth**
  - POST Signin
  - POST Signin - invalid password
  - POST Signup
  - POST Signup - already registered
- **user**
  - GET Get File
  - GET Test all
  - GET Test user
  - GET Test moderator
  - GET Test admin
  - GET Get File List
  - GET Get File
- **admin**
  - GET List all exit emails
  - POST Create Exit Email
  - GET Update Exit Email