# Uri:/reset

## GET:

Register

* Data Params:

{username: [string]}

* Success Response:

Code: 200

Content :{question: [str]}

* Error Response:

Code: 442 unexpected entity.

Content:{ username: username error}

Code: 500 internal server error

* Sample Call:

## PATCH:

Change user username or password

* Headers:
* Data Params:

 {username:[string],answer:[string], NewPassword:[string] , NewUsername[string]} all the new fields are optional.

* Success Response:

Code: 200

* Error Response:

Code: 442 unexpected entity, one of the follows:

* + Username is wrong (not found)
  + Answer is wrong
  + Data is missing.

Related massage will be in the response body.

Code: 500, internal error.

* Sample Call:

# Uri:/register

## POST:

Register

* Data Params:

Authentication=[string]- username:password in base64 encoding

Phone number: = [int]

Trusted account username= [str] – username of other client

* Success Response:

Code: 200

* Error Response:

Code: 442 unexpected entity.

Content:{password: pass error, username: username error} all the fields are optional.

Code: 500 internal server error

Code 401 unauthorized, can’t register with JWT authentication.???? Is correct??

* Sample Call:

# URL: /login

## GET:

Get JWT token to use when access data

* Data Params:

Authentication=[string]- username:password on base 64 encoding

* Success Response:

Code: 200   
Content: {Authentication: JWT token}

* Error Response:

Code: 442 unexpected entity, username or passwords is wrong.

Code 401 unauthorized, can’t log in with JWT authentication.

* Sample Call:

# URL: /passwords

## GET:

Get all programs ID and usernames

* Headers:

Authentication=[JWT token]

* Success Response:

Code: 200  
Content: {

records:[

{username:[string], programID:[string], sec\_level: [string]}

……

]

}

* Error Response:401, JWT token have invalid data.
* Sample Call:

## POST:

Add new program username and password record

* Headers:

Authentication=[JWT token]

* Data Params:

{username:[string], password:[string], programID:[string], 'sec\_level': [int]

* Success Response:

Code: 200

Code: 442 unexpected entity, if one of the data params values is missing.

Data params:

{ username : [str]….}, all the values are optional.

Code: 500 internal server error

* Error Response:
* Sample Call:

# URL: /passwords/{program ID}

## GET:

Get program username and password

* Headers:

Authentication=[JWT token]

* Success Response:

Code: 200  
Content: {username : [string], password:[string], SecLevel:[string]}

* Error Response:

Code:401 unauterized, when authentication level is not enough.

Header:

SecLevel: int

Code: 401 unauthorized, when authentication is wrong.

Code: 404 not found, program id don’t exist.

* Sample Call:

## PATCH:

Change program username/password/programID

* Headers:

Authentication=[JWT token]

* Data Params:

{: {username:[string], password:[string], programID:[string] } all of the fields are optional.

* Success Response:

Code: 200

* Error Response:

Code: 404 not found, program id doesn’t exist.

* Sample Call:

## DELETE:

Delete password username pair from database

* Headers:

Authentication=[JWT token]

* Success Response:

Code: 200   
Content: { }

* Error Response:

Code: 404 not found, program id doesn’t exist.

* Sample Call:

# URL: /delete

## DELETE:

Delete user

* Headers:

Authentication= username:password in url safe base64 encode

* Success Response:

Code: 200

* Error Response:

Code: 400 bad request, Authentication entity is wrong formatted.

Code: 442 unexpected entity, username or passwords is wrong.

Code 401 unauthorized, can’t log in with JWT authentication

Code: 500 internal server error

* Sample Call: