# Name: User Managent

[url: /register](url:/register)

## POST:

Register

* Data Params:

Authentication=[string]- username:password in base64

Phone number: = [int]

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

* Success Response:

Code: 200   
Content: { }

* Error Response:
* Code: 442 unexpected entity
* Content:{username: error, password: error, …}
* Sample Call:

url: /reset

## GET:

Get validation question.

* Headers:

Phone number: = [int]

OR

username= [str]

* Success Response:

Code: 200  
Content: {question: … }

* Error Response:
* Sample Call:

## POST:

Change username and password. Validate with phone number or trusted account.

Send pin to phone number or trusted account to validate login.

* Data Params:

Required:

username= [str]

answer= [str] – answer to the validation question

* Success Response:

Code: 201   
Content: { }

* Error Response:
* Sample Call:

url: /login

## GET:

Get JWT token to use when access data

* Data Params:

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

* Success Response:

Code: 200   
Content: { Authentication : JWT token}

* Error Response:
* Sample Call:

# Name: passwords

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,
* Sample Call:
* Sample Call:

## POST:

Add new program username and password record

* Headers:

Authentication=[JWT token]

* Success Response:
* Code: 200   
  **Data Params:**
* {username:[string], password:[string], programID:[string], 'sec\_level': [int]
* 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:
* 401 , when authentication level is not enogth

Headers:

SecLevel: int

* 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:
* Sample Call:

## DELETE:

Delete password username pair from database

* Headers:

Authentication=[JWT token]

* Success Response:

Code: 200   
Content: { }

* Error Response:
* Sample Call: