

E

E-banking-App

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Authentication Service

All what you need to run this service is to\*\*

- CREATE database users .
- Change database password in application.properties
- Run the Registry service eureka.

APIs of this Service :

NB: In this service: host = http://localhost:8089

First, to obtain the JWT you need to authenticate to do so send :

POST :

- host/login : to login (All users are allowed access) , the given data should be in this format:

```
{  "userName" : "admin",  "password" : "man"}
```

!! IMPORTANT : The result, if the given informations are correct && the account is in the state Activated,will be JWTToken added in the response header , in this format:

```
* Authorization : eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbSIzInJvbGVzIjpbIkFETU10IiwiaXN0eXRU5
```

PS.

- if the login is incorrect, you'll get 403. ( Forbidden )
- Otherwise if it's correct but the account is inactive, you will get 401 without JWT ( Unauthorized ).
- if it's correct && the account is active, you will get 200 with JWT ( Accepted ).

After that, you need to add this Token to request header for all the requests. Which means you need to store that JWTToken in the front end side.

- Add it in the requests header in this format :

```
* type: Authorization* content: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbSIzInJvbGVzIjpbIkFETU10IiwiaXN0eXRU
```

For logout , you need to redirect the user to the login form and delete the Token and the caches.

APIs of Customer :

GET :

- host/users/customers : get all customers ( will not show their passwords ) ( ADMINs are the only ones allowed to call this )
- host/users/customers/deactivate/{id} : deactivate or activate a customer! ( ADMINs & OFFICIERS are the only ones allowed to call this )

POST :

- host/users/customers : to create a new customer. The given data should be in this format: ( ADMINs & OFFICIERS are the only ones allowed to call this )

```
{  "userName" : "user",  "password" : "man"}
```

PUT :

- host/users/customerByEmail/{email} : to edit a password of a customer. (Note: in Auth-service, username = email in customer-service) The given data should be in this format: ( The Customer who owns this account is the only one allowed to call this )

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AA Documentation for using Gateway !

Account Service

Agency Service

Authentication Service

Customer Service

GlobalPrameters Service

Officer Service

Request Service

Transaction Service

```
{
  "userName" : "user@backend.com",
  "password" : "mna",
  "newPassword" : "aaa",
  "confirmPassword" : "aaa"
}
```

- `host/users/customers/{id}` : to edit a password of a customer. The given data should be in this format: ( **The Customer who owns this account is the only one allowed to call this** )

```
{
  "userName" : "user@backend.com",
  "password" : "mna",
  "newPassword" : "aaa",
  "confirmPassword" : "aaa"
}
```

#### DELETE :

- `host/users/customers/{id}` : to delete a customer. ( **ADMINs & OFFICIERS are the only ones allowed to call this** )

### APIs of Officer :

#### GET :

- `host/users/officers` : get all officers ( will not show their passwords ) ( **ADMINs are the only ones allowed to call this** )
- `host/users/officers/deactivate/{id}` : deactivate or activate an officer! ( **ADMINs are the only ones allowed to call this** )

#### POST :

- `host/users/officers` : to create a new officer. The given data should be in this format: ( **ADMINs are the only ones allowed to call this** )

```
{
  "userName" : "officer",
  "password" : "man"
}
```

#### PUT :

- `host/users/officers/{id}` : to edit a password of an officer. The given data should be in this format: ( **The OFFICER who owns this account is the only one allowed to call this** )

```
{
  "userName" : "officer",
  "password" : "man",
  "newPassword" : "Mounib",
  "confirmPassword" : "Mounib"
}
```

#### DELETE :

- `host/users/officers/{id}` : to delete an officer. ( **ADMINs are the only ones allowed to call this** )

### APIs of Admins :

#### GET :

- `host/users/admins` : get all admins( will not show their passwords ) ( **ADMINs are the only ones allowed to call this** )
- `host/users/admins/deactivate/{id}` : deactivate or activate an admin! ( **ADMINs are the only ones allowed to call this** )

#### POST :

- `host/users/admins` : to create a new admin. The given data should be in this format: ( **ADMINs are the only ones allowed to call this** )

```
{
  "userName" : "admin",
  "password" : "man"
}
```

#### PUT :

- `host/users/admins/{id}` : to edit a password of a admin. The given data should be in this format: ( **The ADMIN who owns this account is the only one allowed to call this** )

```
{
  "userName" : "admin",
  "password" : "man",
  "newPassword" : "Manal",
  "confirmPassword" : "Manal"
}
```

#### DELETE :

- `host/users/admins/{id}` : to delete an admin. ( **ADMINs** are the only ones allowed to call this )

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