SkinGorithm API Documentation

EndPoint: https://[Server-IP]/

Available endpoints:

1. /Ingredient

    a. /Ingredient/InsertIngredients

       - Method: POST

       - Request Body:

```json
{
    "IngredName": "Niacinamidez",
    "IngredFunction": "Gatau",
    "IngredEffect": "Gatau jg"
}
```
IngredName as STRING:(mandatory) (UNIQUE)
IngredFunction as STRING: (mandatory)
IngredEffect as STRING: (mandatory)

       - Response:

```json
{
    "error": "false",
    "status": "success",
    "message": "success insert data"
}
```

    b. /Ingredient/getAllIngredient

       - Method : GET

       - Request Body:

           (Leave it blank)

       - Headers:

       Authorization: Bearer Token (from Login)

       - Response:

```json
{
    "error": "false",
    "message": "success",
    "datalistset": [
        {
            "IngredName": "Niacinamide",
            "IngredFunction": "Mencerahkan Kulit",
            "IngredEffect": "Melembabkan Kulit",
            "createdAt": "2022-05-21T10:13:30.000Z",
```

```json
            "updatedAt": "2022-05-21T10:13:30.000Z"
        },
        {
            "IngredName": "Niacinamidez",
            "IngredFunction": "Gatau",
            "IngredEffect": "Gatau jg",
            "createdAt": "2022-05-31T09:32:57.000Z",
            "updatedAt": "2022-05-31T09:32:57.000Z"
        }
    ]
}
```

c. /Ingredient/getIngredByName

- Method : GET

- Request Body:

```json
{
    "IngredName": "Niacinamide"
}
```
IngredName as STRING: Mandatory

- Headers:

Authorization: Bearer Token (from Login)

- Response:

```json
{
    "error": "false",
    "message": "success",
    "datalistset": {
        "IngredName": "Niacinamide",
        "IngredFunction": "Mencerahkan Kulit",
        "IngredEffect": "Melembabkan Kulit",
        "createdAt": "2022-05-21T10:13:30.000Z",
        "updatedAt": "2022-05-21T10:13:30.000Z"
    }
}
```

2. /User

a. /User/userRegister

- Method : POST

- Request Body:

```json
{
    "Username": "username",
    "Password": "password",
    "Email": "example@gmail.com",
    "FullName": "Fullname Example",
```

```json
        "ProfilePicture": "http://example.com"
    }
```

```
    Username as STRING: Mandatory, Unique
    Password as STRING: Mandatory
    Email as STRING: Mandatory, Unique
    Fullname as STRING: Mandatory
    ProfilePicture as STRING: non Mandatory
```

- Response:

```json
    {
        "status": "Success",
        "message": "Berhasil melakukan registrasi"
    }
```

b. /User/getAllUser

- Method : GET

- Request Body:

     (leave it blank)

- Response:

```json
    {
        "status": "success",
        "datalistset": [
            {
                "Username": "user",
                "Email": "example@gmail.com",
                "Password": "$2b$10$RM13qQU5T5Pgrg/Bi./Yy.3rE2g82mVvNmwuI1
    VEDGCU/edr/A/W",
                "FullName": "Fullname Example",
                "ProfilePicture": null,
                "createdAt": "2022-05-31T09:52:48.000Z",
                "updatedAt": "2022-05-31T09:52:48.000Z"
            }
        ]
    }
```

c. /User/getUserByUsername

- Method: GET

- Request Body:

```json
    {
        "Username": "username"
    }
```
    Username as STRING: Mandatory

- Response:

```json
    {
```

```
    "status": "success",
    "datalistset": {
        "Username": "yusifaoktria",
        "Email": "yusifaos@gmail.com",
        "Password": "$2b$10$RM13qQU5T5Pgrg/Bi./Yy.3rE2g82mVvNmwuI91VED
GCU/edr/A/W",
        "FullName": "Yusifa Oktria Sageta",
        "ProfilePicture": null,
        "createdAt": "2022-05-31T09:52:48.000Z",
        "updatedAt": "2022-05-31T09:52:48.000Z"
    }
}
```

d. /User/updateUser

- Method: PUT

- Header:

  Authorization: Bearer Token (From Login)

- Request Body:

```
{
    "Username": "username",
    "FullName": "changed FullName",
    "ProfilePicture": "Changed ProfilePicture"
}
Username: Mandatory
FullName as STRING: Kalau mau diganti jadi mandatory, kalau tidak
ambil dari data yang lama
ProfilePicture as STRING: Kalau mau diganti jadi mandatory, kalau
tidak ambil dari data yang lama
```

- Response:
```
{
    "status": "success",
    "message": "Berhasil memperbarui data"
}
```

e. /User/changePassword

- Method: PUT

- Header:

  Authorization: Bearer Token (From Login)

- Request Body:

```
{
    "Username": "username",
    "currentPassword": "oldPassword",
    "newPassword": "newPassword"
```

```
    }
    Username as STRING: Mandatory
    currentPassword as STRING: Mandatory (harus sama dengan sebelumnya)
    newPassword as STRING: Mandatory
```

- Response

```json
{
    "status": "success",
    "message": "Berhasil mengubah password"
}
```

3. /Login

a. /Login/userLogin

- Method: POST

- Request Body:

```json
{
    "Username": "yusifaoktria",
    "Password": "test1234"
}
```
```
    Username as STRING: Mandatory
    Password as STRING: Mandatory
```

- Response:

```json
{
    "message": "Berhasil Login",
    "accessToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjoie
XVzaWZhb2t0cmlhIiwiaWF0IjoxNjUzOTkyMzE4LCJleHAiOjE2NTM5OTQxMTh9.Rgh0P1
TlMSiW4wfxz2oiu5FFZYH-ycyZOWamW5flIRM",
    "refreshToken": "eyJhbGciOiJIUzI1NiJ9.eXVzaWZhb2t0cmlh.wJRtSnh46_7
I9t3dn6zVcQ-L0dtup5SkLHU6hXXSJQ",
    "expiredIn": "30m"
}
```

b. /Login/refreshToken

- Method: POST

- Request Body:

```json
{
    "Username": "username",
    "RefreshToken": "eyJhbGciOiJIUzI1NiJ9.eXVzaWZhb2t0cmlh.wJRtSnh46_a
7I9t3dn6zVcQ-L0dtup5SkLHU6hXXSJQ"
}
```
```
    Username as STRING: Mandatory
    RefreshToken as STRING: Mandatory (From Login)
```

- Response:

```json
{
    "accessToken": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyIjoie
XVzaWZhb2t0cmlhIiwiaWF0IjoxNjUzOTkzMTkwLCJleHAiOjE2NTM5OTQ5OTB9.HHzzRl
mXkNgpj01z8k6-bw0TiaZjgKN4L5grUV56WQE",
    "expiredIn": "30m"
}
```

c. /Login/userLogout
   - Method: DELETE
   - Request Body:

```json
{
    "RefreshToken": "eyJhbGciOiJIUzI1NiJ9.dGFyaXN5YW5nYmVuZXI.1kAsAg76
GAjyMcKJJRULP3R2a1ZaKQ6YPvhrgRxwZXU"
}
```
RefreshToken as STRING: Mandatory (From Login)

   - Response:

```json
{
    "status": "success",
    "message": "Berhasil Logout"
}
```

4. /Alarm
   a. /Alarm/insertAlarm
      - Method: POST
      - Header:

      Authorization: Bearer Token (From Login)

      - Request Body:

```json
{
    "RoutinityName": "Memakai Skincare",
    "NotifyHour": "07:00:00",
    "Date": "31-05-2022",
    "fifteenBefore": false,
    "thirtyBefore": true,
    "repeatAlarm": 1,
    "Username": "tarisyangsalah"
}
```
Username as STRING: Mandatory (untuk check apakah user terdaftar)
RoutinityName as STRING: Mandatory
NotifyHour as TIME Format (HH:MM:SS): Mandatory
Date as DATE Format (YYYY-MM-DD): Mandatory
fifteenBefore as BOOLEAN: Mandatory

```
        thirtyBefore as BOOLEAN: Mandatory
        repeatAlarm as INTEGER: Mandatory
```

b. /Alarm/getAlarmByUsername

  - Method: POST

  - Header:

    Authorization: Bearer Token (From Login)

  - Request Body:

```
{
    "Username": "username"
}
Username as STRING: Mandatory
```

  - Response:

```
[
    {
        "id": 3,
        "RoutinityName": "Memakai Skincare",
        "NotifyHour": "07:00:00",
        "Date": "2022-05-31",
        "fifteenBefore": false,
        "thirtyBefore": true,
        "repeatAlarm": 1,
        "Username": "username",
        "createdAt": "2022-05-31T08:17:52.000Z",
        "updatedAt": "2022-05-31T08:17:52.000Z"
    }
]
```