User Frontend:

- Note: "Action" attribute in both login and signup has to be either `login` or `register`

Login

- Request method type: POST

```
{
    "Action" : "login",
    "Username": "{username}",
    "Password": "{password}",
}
```

- Response: will be:

```
{
    'statusCode': 200,
    'Status': true or false,
    'Token': token or None,
    'Error': None or errorMessage
}
```

Signup

- Request method type: POST

```
{
    "Action" : "register",
    "Username": "{username}",
    "Password": "{password}",
    "Email": "{email}",
    "FirstName": "{firstname}",
    "LastName": "{lastname}",
    "Country": "{country}",
    "City": "{city}"
}
```

- Response: will be:

```
{
    'statusCode': 200,
    'Status': true or false,
```

```
        'Error': None or errorMessage
    }
```

User Service Backend

Login

- Your RESTapi with route `/login` will receive a json formated POST request like this

```
{
  "Username": "{username}",
  "Password": "{password}"
}
```

Please verify the password with db, then the expected return should be in dict, template shown below:

```
{
  "Result": True or False
}
```

Note: True means verfied, False means either account error or password error.

Register

- for register, your RESTapi with route "/register" you will receive a json formated POST request like this

```
{
  "Username": "{username}",
  "Password": "{password}",
  "Email": "{email}",
  "FirstName": "{firstname}",
  "LastName": "{lastname}",
  "Country": "{country}",
  "City": "{city}"
}
```

Please store in database, then expected return should be in dict, template shown below:

```
{
  "Result": True or False
}
```

Note: True means sucessfully signed up, False means something is wrong