# Login & Register

## Login

On startup: Check if user’s computer has a valid login credentials & token, If yes then proceed to home screen. Otherwise go to login screen.

User enters username & password, then clicks Log in.

If not successful: return error messages.

If successful : Backend creates a JWT token, then returns that token to frontend. Redirect users to home page. All actions require authentication & Authorization using that token.

## Register (planning)

~~There’s no register function. Only logged in Administrators can add an account.~~

User enters username, Email, Password & Private Key, then clicks Register.

Private Key is used to set the role for the account:

* Employee: Leave the field blank, or enter the wrong key
* Human resource: "OWB6OaXVXOaFWZp5plt91Zj2rueSc9sd",
* SuperUser: "zpX7st0UpNjVnc3VTFYogCxo1y4l2zkp"

If not successful: return error messages.

If successful: Backend creates a JWT token, then returns that token to frontend. Redirect users to home page. All actions require authentication & Authorization using that token.

## Logout

User clicks logout, then client deletes the token & the server Destroys/Invalidates the token when logging out.

# 2 View all Employees (Claim: ViewAllEmployees)

## 2.1 View all Employees

Can view a list of all Employees by opening the “view all Employees” tab.

All listed credentials include:

* Full name
* Date Of Birth
* Job Position
* Monthly salary
* Email

## 2.2 View an user’s profile (Claim: ViewAnEmployeeProfile)

Can view an Employee’s profile by clicking “view details” next to an employee’s name in the Employees List tab.

All visible credentials include:

* Full name
* Date of Birth
* Home Address
* Job Position
* Monthly salary
* Email
* Account Role

## 2.3 Edit profile (Claim: EditAnEmployeeProfile)

Can edit an employee’s profile by clicking the “edit profile” button when viewing their profile.

Available credentials to edit include:

* Full name
* Date of Birth
* Home Address
* Job Position
* Monthly salary
* Email
* Account Role (Claim: EditAccountRole, cannot change to “SuperUser”)

# 3 View Account Details(Claim: ViewPersonalAccountDetails)

## 3.1 View Account Details

Logged in user can view their account’s profile by clicking the Account Details tab.

Visible credentials include:

* Profile:
  + Full Name
  + Date Of Birth
  + Home Address
  + Job Position
  + Monthly Salary
* Account Details:
  + Account Role
  + Email
  + Password (hidden)

## 3.2 Edit Account details

Can edit their account’s profile by clicking the “Edit” button in the tab.

Available credentials to edit include:

* Date of Birth
* Home Address
* Password