



Account management  
project

# Project overview

The account management functionality:

- Allow users login and sign-up
- Enter new salary
- Option to select the range of months to show the data
- Show the current maasrot status with :
  - 50% children
  - 30% family
  - 20% other

# Basic hierarchy

react

python

sqlalchemy

postgresql

# User Interface - login page

A diagram of a login page interface. It consists of a light gray rectangular container. Inside this container, there are three red rectangular boxes stacked vertically. The top box contains the text "name". The middle box contains the text "password". The bottom box contains the text "Sign in with google" on two lines.

# User Interface - “new salary”



Select month

Enter salary

# User Interface – “current status”

From date	To date
children	_____
family	_____
other	_____
Salary summary	_____

# Python - basic logic

User login + signup

Enter new salary

Show the current 'maasrot' status according to the chosen months

# SQLalchemy



# DB - postgresQL

## User

Id - int

User name - string not null  
Password - string not null  
Email address - string not null  
Likes percent - int not null  
Google user id - string  
Registration date - date not null  
Profile picture - Bytea  
Allow negative - bool

## Salary

Id - int

User id - int  
Date - date  
Source - string  
Sum - double

## Maasrot type

Id - int

User id - int  
Maasrot type - string  
Percent - int

## Maasrot

Id - int

maasrot type id - int  
Salary id - int  
Sum - double

## Source

Id - int

Source name - string  
User id - int  
Description - string

## Spend maasrot

Id - int

User id - int  
Sum - double  
Maasrot type id - int  
Date - date  
Description - string

## Maasrot sum per type

Id - int

Maasrot type id - int  
User id - int  
Sum - double  
Status - bool