

USER INTERFACE

Tracy Mazelin

RE-DESIGN DECISIONS

I have updated my MVP, removing some features and adding others. My MVP will now include the following:

- Python Flask Application with Postgresql database, implementing the Bulma UI framework and hosted on Heroku
- Secure user account creation
- Secure user login
- Administrator dashboard for adding employees and assigning them to managers
- Manager dashboard for approving or denying leave requests
- Employee dashboard for requesting time off
- Leave Request History for managers and employees

Stretch Features:

- Edit employees on the Administrator Dashboard
- Delete employees on the Administrator Dashboard
- Mail Server for Notifications:
 - Email notification to manager when leave request is submitted
 - Email notification to employee when leave request is submitted
 - Email notification to employee when leave request status is changed

USER PERSONAS

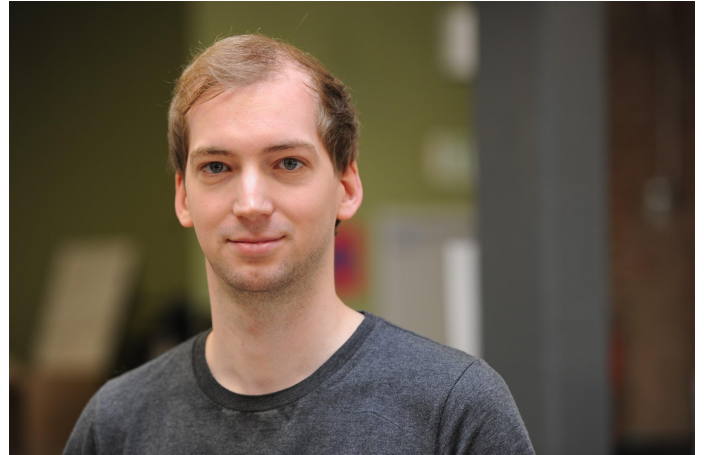
Managerial Michael

Background

- Married with two children
- Comfortable income
- Bachelors degree in Organizational Leadership
- Works for a Construction Company

Demographics

- Male, 33 years old
- Single family income of \$85K
- Lives in a rural community



Identifiers

- Manages a team of 5 employees
- Tech savvy
- Well organized

Goals

- Needs to schedule his crew for contract work
- Needs to quickly and easily understand who needs time off and when

Tasks

- Logs in, approves time off request
- Logs in, denies time off request with comments

HR Harriet

Background

- Single
- HR Manager
- Founder of the company

Demographics

- Female, 45 years old
- Income of \$75K
- Lives in small rural community

Identifiers

- Very organized
- Involved with most of the inner workings of the company
- Has access to confidential data

Goals

- Needs a quick and easy way to add employees to the system
- Needs a quick and easy way to assign employees to teams

Tasks:

- Manage the Leave System
- Add new employees
- Assign new employees to managers



Employee Evie

Background

- Single
- Part time student
- Works 30 hours/week

Demographics

- Female, 22 years old
- Earns 25K / year
- Lives alone

Identifiers

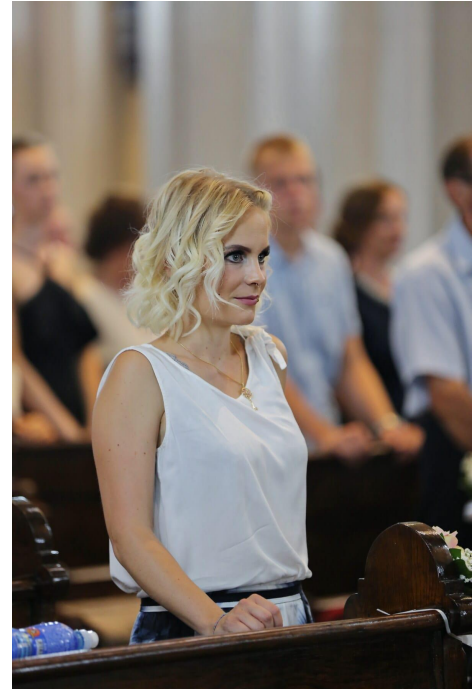
- Digitally savvy
- Frugal
- Short on time

Goals

- Wants an easy way to let her boss know when she needs time off
- Needs to keep a history of her time off

Tasks:

- Login, submit a time off request
- Login, check the status of the time off request
- Login, check the history of previous time off requests



WIREFRAMES

A Web Page

https://

Home Login Sign Up Profile Request Hisotry Logout

Sign Up

First Name

Last Name

Email

Password

Sign up

double-click to edit

A Web Page

https://

Home Login Sign Up Profile Request Hisotry Logout

Login

Username

Password

Login

A Web Page

https://

Home Login Sign Up Profile Request Hisotry Logout

Add New Employee

First Name

Last Name

Start Date

Manager

Add Employee

A Web Page

⬅ ➡ ✕ 🏠

[Home](#)
 [Login](#)
 [Sign Up](#)
 [Profile](#)
 [Request](#)
 [Hisotry](#)
 [Logout](#)

| Employ ▲ | Type ▼ | Star | En ▼ | Comment | Appro ▲ | Den ▲ |
|-----------|----------|------|------|-----------------|---------|-------|
| Tom Smith | 2022-03- | 202 | 03-0 | Don't feel good | Deny | |
| Tom Smith | 2022-03- | 202 | 03-0 | Jury Duty | Approve | Deny |
| Tom Smith | 2022-03- | 202 | 03-0 | Need a few days | Approve | Deny |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

A Web Page

https://

Home Login Sign Up Profile Request Hisotry Logout

Leave Request

Type

Start Date

End Date

Comment

Submit

A Web Page

Navigation icons: back, forward, stop, home

Address bar: <https://>

Search icon

Menu: Home Login Sign Up Profile Request Hisotry Logout

| Type | Start | End | Status | |
|-------------|------------|------|--------|-------------|
| Jury Duty | 2022-03-01 | 2022 | 03-05 | Approved |
| Vocation | 2022-03-01 | 2022 | 03-05 | Jury Denied |
| Bereavement | 2022-03-01 | 2022 | 03-05 | Approved |

The screenshot shows a web application interface. At the top, there is a header bar with the title "A Web Page". Below the header, there is a navigation bar with four links: "Home", "Profile", "Employees", and "Logout". The "Employees" link is highlighted. Below the navigation bar, there is a table with four columns: "Name", "Start", "Manager", and "Edit/Delete". The table contains three rows of data:

| Name | Start | Manager | Edit/Delete |
|------------|------------|-----------|---------------|
| Steve Hill | 2022-03-01 | John Shaw | Edit Delete |
| Steve Hill | 2022-03-01 | John Shaw | Edit Delete |
| Steve Hill | 2022-03-01 | John Shaw | Edit Delete |

Below the table, there is a yellow sticky note with a red pushpin icon and the text "Stretch Goal".

STORYBOARDS

EMPLOYEE USER FLOW

A Web Page

https://

Home Login Sign Up Profile Request Hisotry Logout

Login

Username

Password

Login

1. Employee Logs In

A Web Page

https://

Home Profile Request Hisotry Logout

Leave Request

Type

Start Date

End Date

Comment

Submit

2. Employee submits a time off request

A Web Page

https://

Home Profile Request Hisotry Logout

| Type | Start | End | Status | |
|-------------|------------|------|--------|-------------|
| Jury Duty | 2022-03-01 | 2022 | 03-05 | Approved |
| Vacation | 2022-03-01 | 2022 | 03-05 | Jury Denied |
| Bereavement | 2022-03-01 | 2022 | 03-05 | Approved |
| | | | | |
| | | | | |

3. Employee goes to their dashboard to see the status of the request



Different menu based on user state

ADMIN USER FLOW

A Web Page

https://

Home Login Sign Up Profile Request Hisotry Logout

Login

Username

Password

Login

1. Admin Logs In

A Web Page

https://

Home Profile Employees Logout

Leave Request

Name

Title

Start Date

Manager

Submit

2. Admin creates an employee

A Web Page

https://

Home Profile Employees Logout

| Name | Start | Manager |
|------------|------------|-----------|
| Steve Hill | 2022-03-01 | John Shaw |
| Steve Hill | 2022-03-01 | John Shaw |
| Steve Hill | 2022-03-01 | John Shaw |
| | | |
| | | |

A Web Page

https://

Home Profile Employees Logout

| Name | Start | Manager | Edit/Delete |
|------------|------------|-----------|---------------|
| Steve Hill | 2022-03-01 | John Shaw | Edit Delete |
| Steve Hill | 2022-03-01 | John Shaw | Edit Delete |
| Steve Hill | 2022-03-01 | John Shaw | Edit Delete |
| | | | |
| | | | |

Stretch Goal

MANAGER FLOW

A Web Page

https://

Home Login Sign Up Profile Request Hisotry Logout

Login

Username

Password

Login

1. Manager Logs In

A Web Page

https://

Home Profile Employees Logout

| Name | Date | Approve | Deny |
|------------|-----------------------|---------|------|
| Steve Hill | 2022-03-01 - 22-03-02 | Approve | Deny |
| Steve Hill | 2022-03-01 - 22-03-02 | Approve | Deny |
| | | | |
| | | | |
| | | | |

2. Manager approves or denies time off request

A Web Page

https://

Home Profile Employees Logout

| Name | Start | Manager |
|------------|------------|-----------|
| Steve Hill | 2022-03-01 | John Shaw |
| Steve Hill | 2022-03-01 | John Shaw |
| Steve Hill | 2022-03-01 | John Shaw |
| | | |
| | | |

3. Manager checks history of requests



Different menu based on user state