

USER INTERFACE

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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

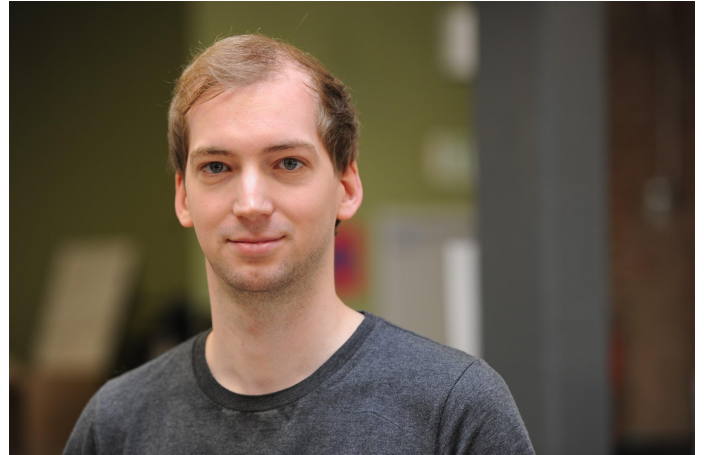
Managerial Michael

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

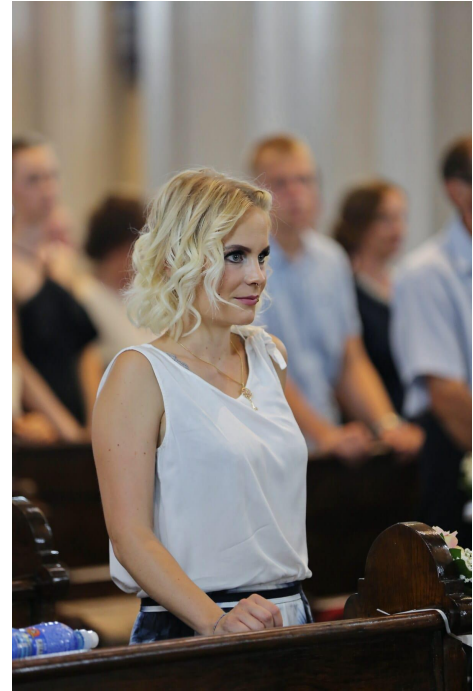
- Digitally savvy
- Frugal
- Short on time

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

https://

Home Login Sign Up Profile Request Hisotry Logout

Sign Up

First Name

Last Name

Email

Password

Sign up

https://

Home Login Sign Up Profile Request Hisotry Logout

Login

Username

Password

Login

https://

Home Login Sign Up Profile Request Hisotry Logout

Add New Employee

First Name

Last Name

Start Date

Manager

Add Employee

https://

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

https://

Home Login Sign Up Profile Request Hisotry Logout

Leave Request

Type

Start Date

End Date

Comment

Submit

https://

Home Login Sign Up 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

STORYBOARDS

EMPLOYEE USER FLOW

A Web Page

Navigation: Home Login Sign Up Profile Request Hisotry Logout

Login

Username

Password

Login

1. Employee Logs In

A Web Page

Navigation: Home Profile Request Hisotry Logout

Leave Request

Type

Start Date

End Date

Comment

Submit

2. Employee submits a time off request

A Web Page

Navigation: 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

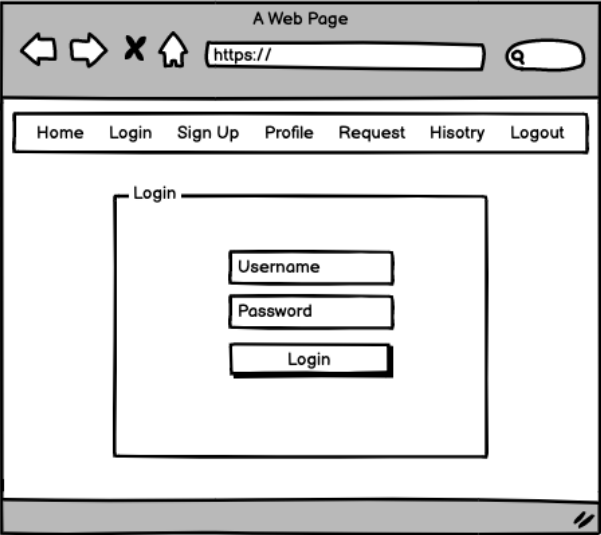
Employees

Logout

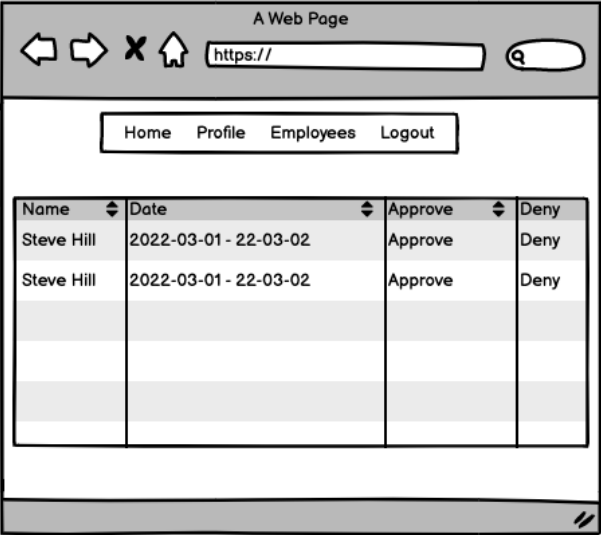
Name	Start	Manager	Edit/Delete
Steve Hill	2022-03-01	John Shaw	Edit Delete
Steve Hill	2022-03-01	John Shaw	Edit Delete
Steve Hill	2022-03-01	John Shaw	Edit Delete

Stretch Goal

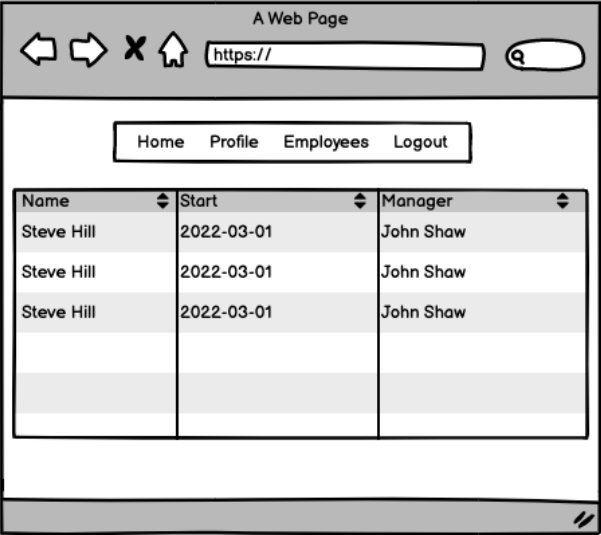
MANAGER FLOW



1. Manager Logs In



2. Manager approves or denies time off request



3. Manager checks history of requests

← Different menu based on user state