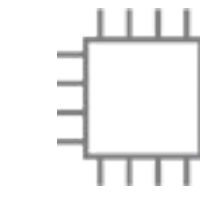


# Mercy Clinic Volunteer System

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Faculty Advisor: Dr. Bingyang Wei



## Background

A CS senior design project helping a non-profit clinic



- Mercy Clinic
  - Medical, Dental, Support, and Student

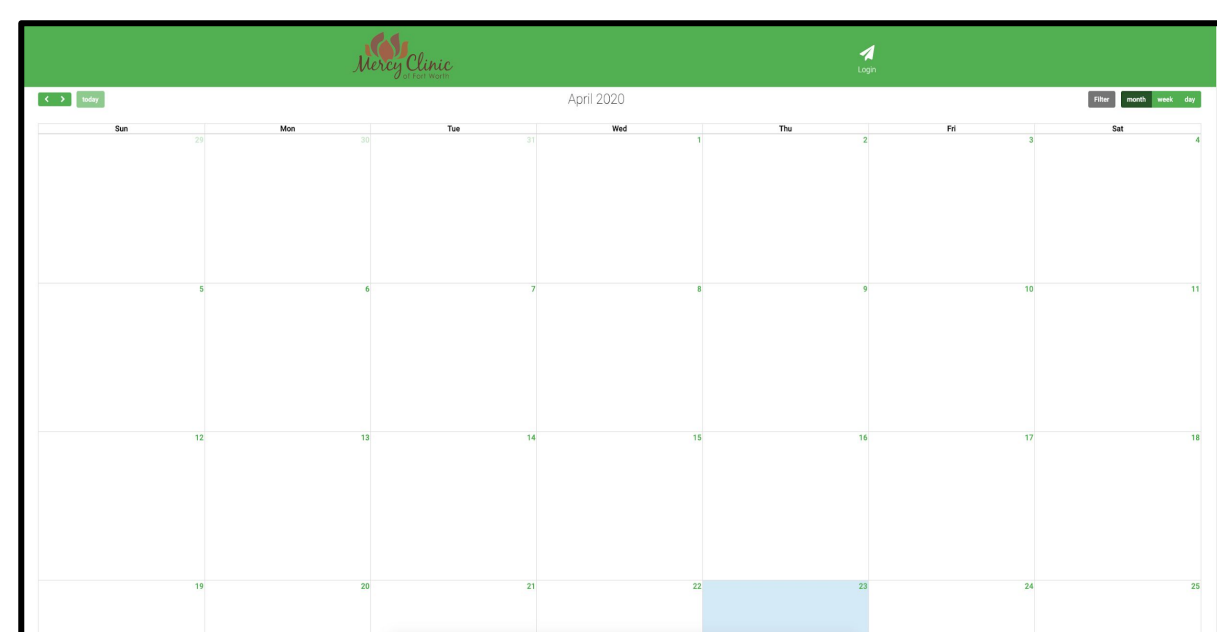


- Problem
  - Current Volunteer scheduling process
  - Effects Administrator and Volunteers



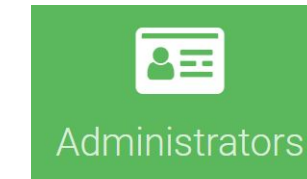
## Solution

- A web page for Administrators and Volunteers
- Each have their own features



## Administrators

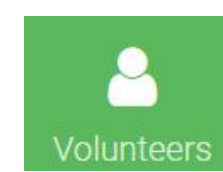
- ~Create ~Edit ~Delete



First	Last	Email	Phone	Id	Edit	Delete
admin	admin	volunteer@mercyclinic.org		22	Edit	Delete
Minh	Nguyen	ntm1406@gmail.com	817-773-6020	302	Edit	Delete
Warren	Riley	warren.riley@tcu.edu	123-123-1234	422	Edit	Delete
Cole	Weber	c.weber7@tcu.edu	555-555-5555	432	Edit	Delete

## Volunteers

- ~Create ~Delete ~Search ~Generate Report ~Edit ~ Manually Update Hours



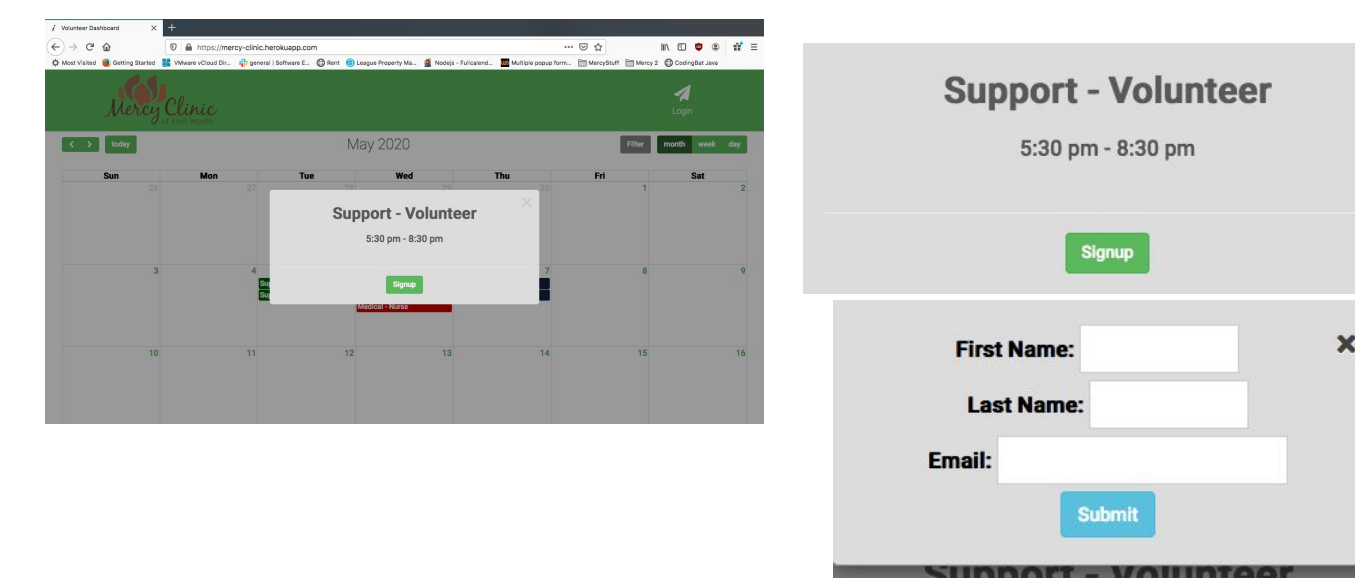
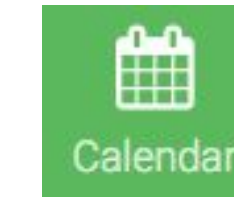
First	Last	Email	Phone	Department	Role	Hours	Edit	Delete
Nancy	Wisma	Blevins		Medical	Clerical	View	Edit	Delete
Cynthia	Halton	c.halton@tcu.edu		Support	Accounting	View	Edit	Delete
Lorena	Montalvo	lorena.montalvo@bravis.org		Support	Volunteer Coordinator	View	Edit	Delete
Paul	Blevins	paulblevins@sbcglobal.net	817-371-9931	Medical		View	Edit	Delete
Christiane	Ellis	christian@bondsflls.com		Support		View	Edit	Delete
Michele	Smith	m.g.smith@tcu.edu	817-692-7899	Support	Business Manager	View	Edit	Delete
Xavier	Vasquez	xavier_vasquez@yahoo.com		Support		View	Edit	Delete
Peggy	Leitch	peggyleitch@mercy-clinic.org	817-271-2003	Support	Executive Director	View	Edit	Delete
Jack	Keen	keensbg@hotmail.com	817-233-0001	Support	Medical Director	View	Edit	Delete
Rebekah	Naylor	rnaylor194@sbcglobal.net	817-821-5789	Medical	Physician	View	Edit	Delete

## Hours Report

First_Name	Last_Name	Department	Date	Check In Time	Check Out	Duration
Minh	Nguyen	Medical	2/24/2020	4:00 PM	7:00 PM	3:00
Minh	Nguyen	Medical	3/8/2020	5:00 PM	7:00 PM	2:00
Minh	Nguyen	Medical	3/24/2020	6:00 PM	6:00 PM	0:00

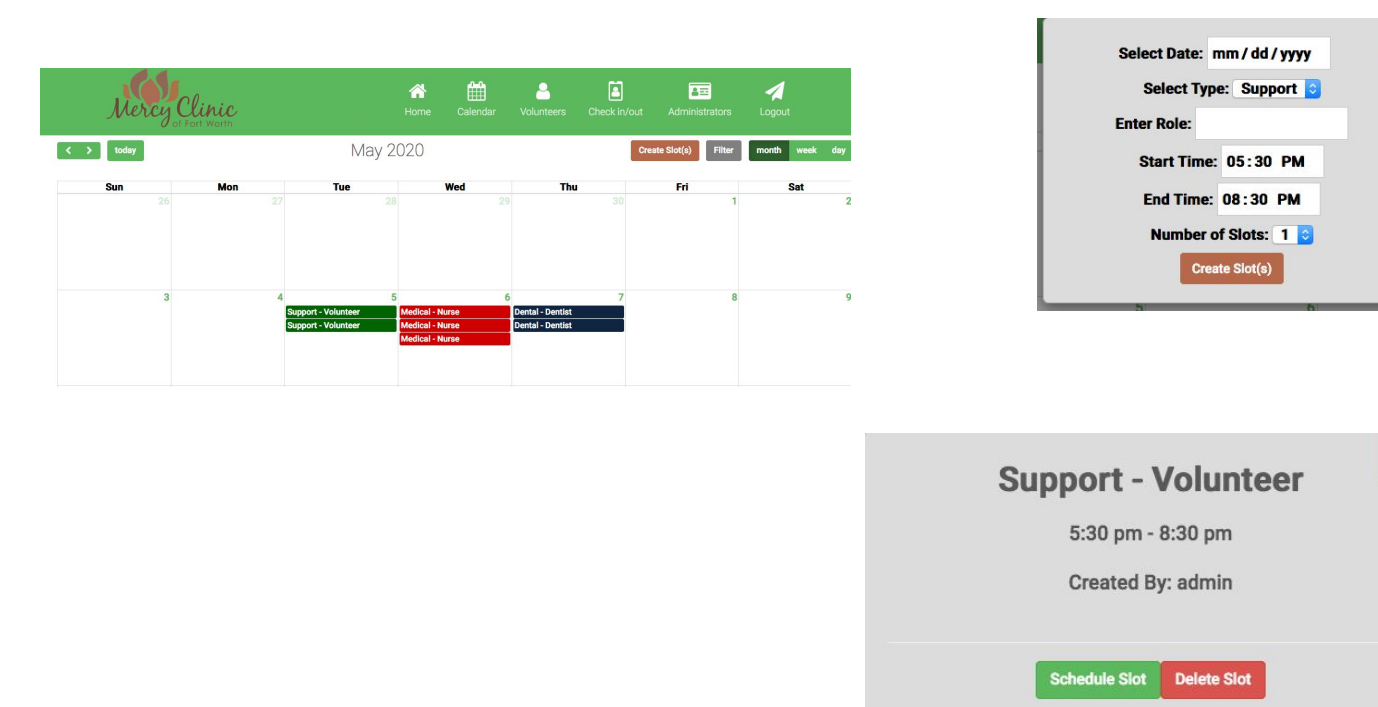
## Calendars

- Volunteer ~View slots ~Sign up for slots



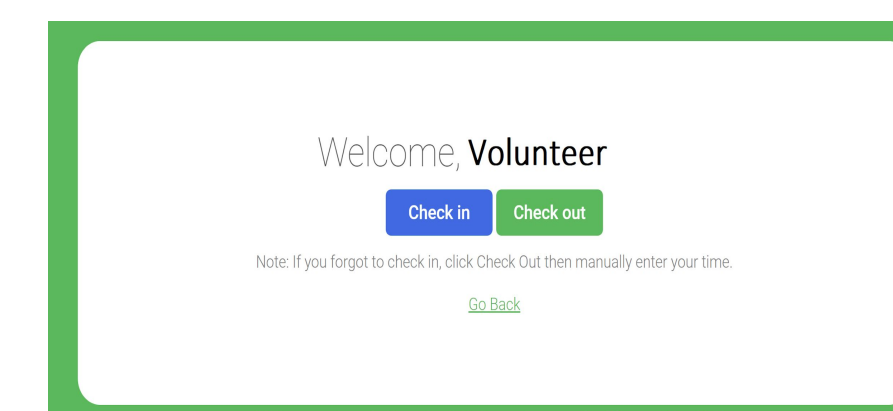
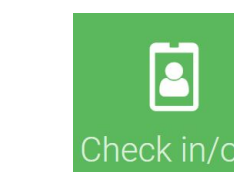
## Administrator

- ~Create slots ~Delete slots ~Schedule/Unschedule slots



## Check in / out

- Enter Name + Phone or Email
- Click Checkin or Checkout
- Hours Auto Recorded



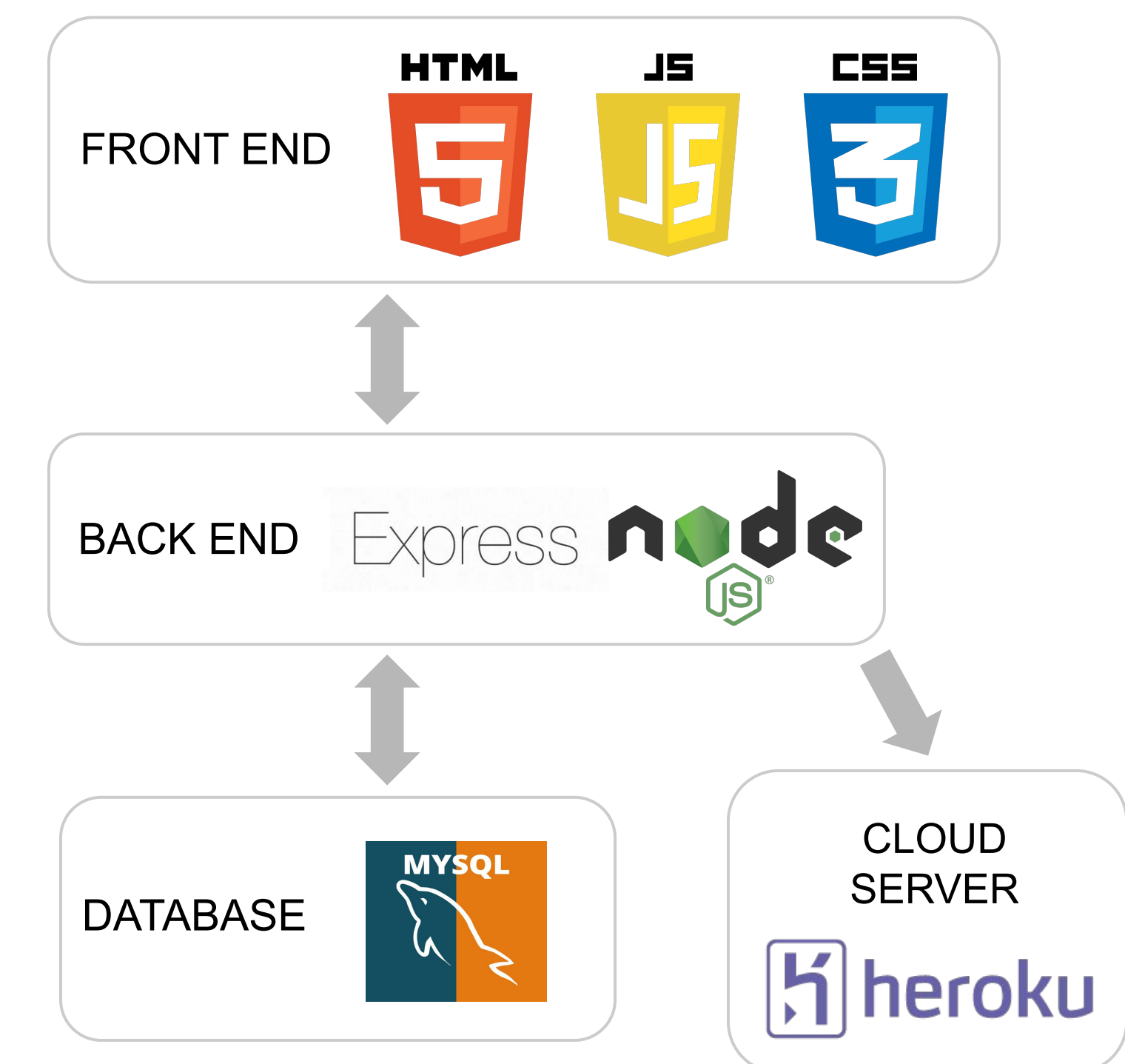
## Technical Details

**Node.js:** a Javascript runtime that executes JavaScript code outside of a web browser.

**Express:** a web application framework for Node.js.

**MySQL:** a relational database management system that Mercy Clinic is familiar with.

**Heroku:** a platform as service (PaS) that allows us to run our app 24/7 in the cloud.



## Acknowledgments

A big Thank You to:

- Mercy Clinic Administrative Staff
- Dr. Binyang Wei (project mentor)
- TCU Computer Science Department