



Power Apps Portfolio

EXAMPLES OF MY WORK

ERIC NICHOLS

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Background

I earned my Bachelor of Science in Accountancy from the University of Akron in Akron, OH in December 2011. Prior to graduation, I began working at a CPA firm as a tax intern, where I built a program in MS Access that tracked the thousands of tax return projects we were working on throughout the year in real-time.



An opportunity arose to make a switch, and I moved to the IT department, eventually becoming IT manager. As the company grew through acquisition, my team also grew, and the focus of my work quickly became data, reporting, and data governance. I loved this transition and began focusing my career on doing work with the Microsoft Power Platform, with a heavy focus on Power BI for reporting. I earned relevant MS technical certifications (MCSA: BI Reporting; MCSA: SQL 2016 Database Administration; MCSE: Data Management and Analytics) and have passed additional relevant technical certification exams, including Implementing a Data Warehouse.

I have experience introducing Power BI to companies from the ground up - helping define a vision and a roadmap for reporting initiatives, defining reporting requirements, prioritizing requests, writing reports, and implementing the reporting infrastructure. I have 5+ years of experience as an O365 global admin and maintain a working knowledge of all Microsoft O365/M365/Azure offerings.

In addition to working with Power BI, Power Apps, and Power Automate I have many years of experience working with Excel, leveraging Power Query and VBA to produce powerful tools when other reporting solutions are not the right fit.

I have strong SQL skills and have a solid understanding of SQL Server environments as well as Azure and have been seeking to find a role that will leverage my current skills, challenge me, and allow me to continue to grow my skill set.

Included in this document are a few examples of some work I have done with Power BI. I start with an example of when I was asked to fix/improve some existing reports. I then show a few reports I have written recently as well as some of the functionality (screen shots do not properly demonstrate the interactivity, but you do get an idea). The first 4 reports are examples of the reports I have written for CPA firms, the final was written for a small e-commerce company.

I have additional examples and references as well, available upon request.

Thank you for your time,

Eric Nichols

Example 1: Safety Department Administration



Safety Training Tracking and Compliance



Enroll Employees in Training

Schedule Training Event

View Employee Training Record

Add New Training Program

Upcoming Training Calendar

Edit Existing Training Programs

View Training Program Details

Interactive Reports

Upload Sign-In Sheet

OSHA Rec Tracking

Figure 1 – Home Screen



Enroll Employees in Training Program



Search Training Name or Location

#39: 2-DAY NEW HIRE ORIENTATION
AKRON
2 Days
Date: 5/13/2019

#40: 2-DAY NEW HIRE ORIENTATION
PA
2 Days
Date: 5/13/2019

#41: 2-DAY NEW HIRE ORIENTATION
PA
2 Days
Date: 5/20/2019

#42: 2-DAY NEW HIRE ORIENTATION
CALI
2 Days
Date: 5/24/2019

#43: 2-DAY NEW HIRE ORIENTATION
CALI
2 Days
Date: 5/25/2019

#44: 2-DAY NEW HIRE ORIENTATION
AKRON
2 Days
Date: 5/28/2019

#45: 2-DAY NEW HIRE ORIENTATION
CALI
2 Days
Date: 5/29/2019

#46: 2-DAY NEW HIRE ORIENTATION
CALI
2 Days
Date: 5/30/2019

#47: 2-DAY NEW HIRE ORIENTATION
CALI
2 Days
Date: 5/31/2019

#48: 2-DAY NEW HIRE ORIENTATION
AKRON
2 Days
Date: 6/3/2019

#49: 2-DAY NEW HIRE ORIENTATION
NY
2 Days
Date: 6/3/2019

#50: 2-DAY NEW HIRE ORIENTATION
PA
2 Days
Date: 6/3/2019

Enter Employee Name or #

GEORGE
STEVEN
PAUL
BRIAN
CHARLES
JOSHUA
[REDACTED]
RICHARD
RONALD
CURTIS
NATHAN
MICHAEL
PAUL
SHAUN
JOHN

Enrollment Preview

#43: 2-DAY NEW HIRE ORIENTATION
Emp: [REDACTED] 5/25/2019

#43: 2-DAY NEW HIRE ORIENTATION
Emp: [REDACTED] 5/25/2019

#43: 2-DAY NEW HIRE ORIENTATION
Emp: [REDACTED] 5/25/2019

Move to Enrollment Preview



Figure 2 – Training Enrollment Screen

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Employee Training Record

Employee #

Dept:

Trade: GF

Employee Training Record

GROUNDING

Last Training: 10/5/2018

STEPPING UP T

Last Training: 4/18/2019

FIRST AID/CPR/AED

Last Training: 1/4/2019

Valid to: 1/4/2021

TOWER RESCUE

Last Training: 6/18/2019

Valid to: 6/18/2021

Last Training: 4/29/2019

Valid to: 4/29/2020

Last Training: 4/29/2019

Valid to: 4/29/2020

1 Helicopter Training

Last Training: 2/27/2020

B HEC

Last Training: 10/9/2018

Figure 3 - View Employee Training Record

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Safety Training Program Details

Search Training Programs

2-DAY NEW HIRE ORIENTATION

ADVANCED TRANSFORMERS

CONFINED SPACE

Crew Leadership

✓ Digger Derrick Safety-2 Days

DRUG-FREE WORKPLACE

DRUG-FREE WORKPLACE-SUPERVISORS

FALL PROTECTION

Manual of Operations)

Manual of Operations)

Digger Derrick Safety-2 Days

Days Duration: 2

Max Class Size: 18

Valid years:

Description:

The objective of this course is to learn and apply the necessary skills to safely work on and around digger derrick trucks in utility construction settings. A combination of classroom lecture and hands-on training are used to develop and measure trainee knowledge and skill in regard to digger derrick operation.

(CEU), in accordance with applicable OSHA regulations, and International Association for Continuing Education and Training (IACET) accreditation standards.

Figure 4 - View Training Program Details

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Schedule Training Event

Search Training Names

2-DAY NEW HIRE ORIENTATION

Days Duration: 2

ADVANCED TRANSFORMERS - NLC

Days Duration: 2 Class Capacity: 16

CONFINED SPACE

Days Duration: 1

Crew Leadership

Days Duration: 2 Class Capacity: 15

Digger Derrick Safety-2 Days

Days Duration: 2 Class Capacity: 18

DRUG-FREE WORKPLACE

Days Duration: 1 Valid For: 1 Year

DRUG-FREE WORKPLACE-SUPERVISORS

Days Duration: 1 Valid For: 1 Year

FALL PROTECTION

Days Duration: 1

Operations)

Event Scheduling: 2-DAY NEW HIRE ORIENTATION

* Training Location

* Instructor

* Training Start Date

5/10/2020

Expected # of Attendees (2-DAY NEW HIRE ORIENTATION ONLY)

Save

Figure 5 - Schedule a Training Event

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Add New Safety Training Program

* Training Program Name

Enter Name of New Training Program

Maximum Class Capacity

Enter the Maximum # of Attendees Permitted per Session

Training Program Description

Enter a Training Description

* Training Duration (in days)

Enter Training Duration (in days)

Training Validity Period (in years)

Enter Period (in years) this Training is Valid (if applicable)

Save

Figure 6 - Add a New Training Program

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Edit Training Program Details

Search Training Programs

2-DAY NEW HIRE ORIENTATION
ADVANCED TRANSFORMERS - NLC
CONFINED SPACE
Crew Leadership
Digger Derrick Safety-2 Days
DRUG-FREE WORKPLACE
DRUG-FREE WORKPLACE-SUPERVISORS
FALL PROTECTION
[Redacted] of Operations)
[Redacted] of Operations)

Training Program Name

Digger Derrick Safety-2 Days

Training Duration (in days)

2

Maximum Class Capacity

18

Valid Period (in years)

Description

The objective of this course is to learn and apply the necessary skills to safely work on and around digger derrick trucks in utility construction settings. A combination of classroom lecture and hands-on training are used to develop and measure trainee knowledge and skill in regard to digger derrick operation. [Redacted] CEU), in accordance with applicable OSHA regulations, NLC policy, and International Association for Continuing Education and Training (IACET) accreditation standards.

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Figure 7 - Edit Training Program Details

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OSHA Rec Tracking and TIIR/LITR Calculation

Monthly Hours

Month End Date

4/30/2020

Hours

Employees

Record Monthly Hours

Edit

Enter the month end date and the monthly total hours to calculate TIIR and LTIR for reporting purposes.
Enter the Number of employees for reporting.

OSHA Rec Tracking

OSHA Rec Incident Date:

5/9/2020

Select Division:

Line

Select Result:

Restricted

Description:

Enter brief description of incident

Enter OSHA Rec

Maintain

OSHA Rec Maintenance

OSHA Hours True Up

Figure 8 - Incident Tracking

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Upload Sign-In Sheets

Search by Training Name

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Event# [REDACTED] DRUG-FREE WORKPLACE-SUPERVISORS

Location: [REDACTED]

Date: 4/22/2020 Instructor: [REDACTED]

Event# [REDACTED] DRUG-FREE WORKPLACE

Location: [REDACTED]

Date: 4/22/2020 Instructor: [REDACTED]

Event# [REDACTED] DRUG-FREE WORKPLACE-SUPERVISORS

Location: [REDACTED]

Date: 4/23/2020 Instructor: [REDACTED]

Event# [REDACTED] DRUG-FREE WORKPLACE

Location: [REDACTED]

Date: 4/23/2020 Instructor: [REDACTED]

Event# [REDACTED] Ship Review Training

Location: [REDACTED]

Date: 4/20/2020 Instructor: [REDACTED]

Event# [REDACTED] Transfer (Skid)

Location: [REDACTED]

Date: 10/9/2018 Instructor: [REDACTED]

Event# [REDACTED] B HEC

* Training Name

DRUG-FREE WORKPLACE-SUPERVISORS

* Training Date

4/22/2020

Training Location

[REDACTED]

Instructor

[REDACTED]

Attachments

Attach a new document.

📎 Attach file

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Figure 9 - Upload Documentation

Example 2: Safety Department Users



Figure 10 - Laptop/Tablet

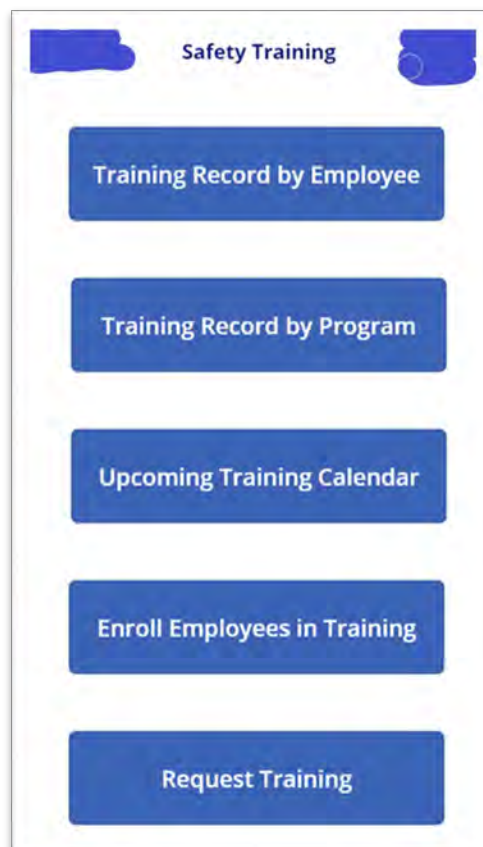


Figure 11 - Phone

Example 3: Field Employee Time Capture

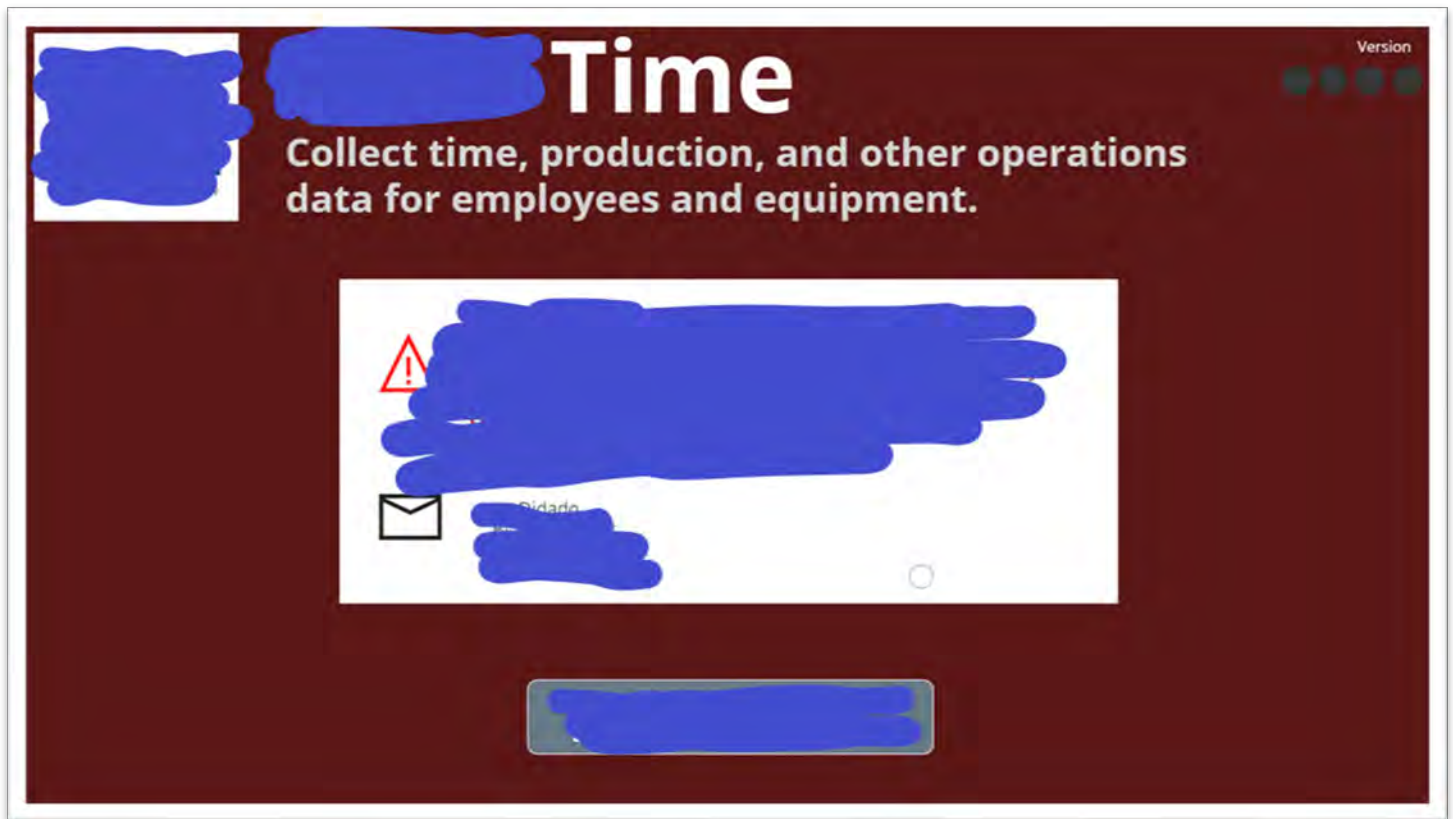


Figure 112 – Login Screen

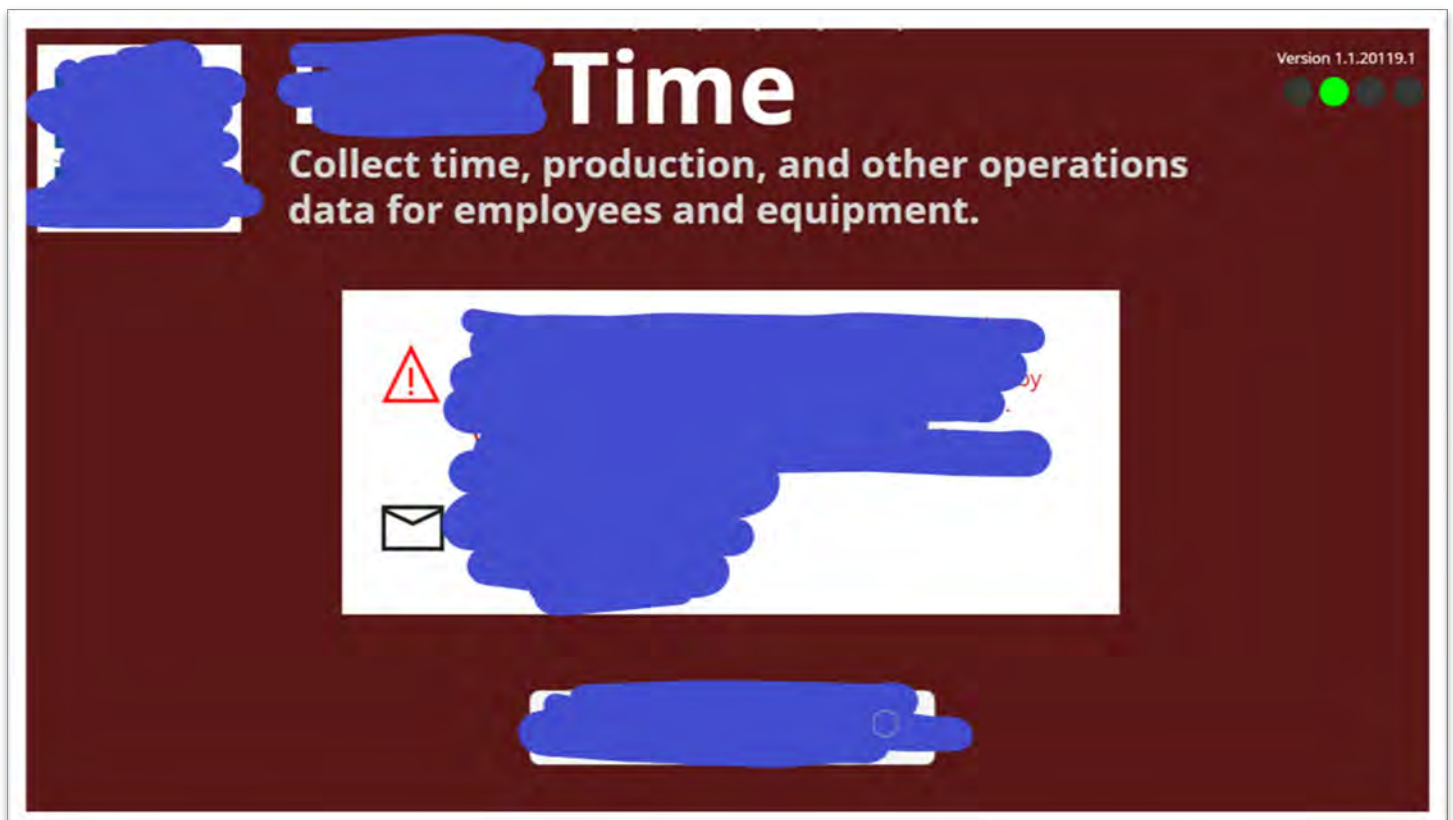


Figure 123 – Login Process

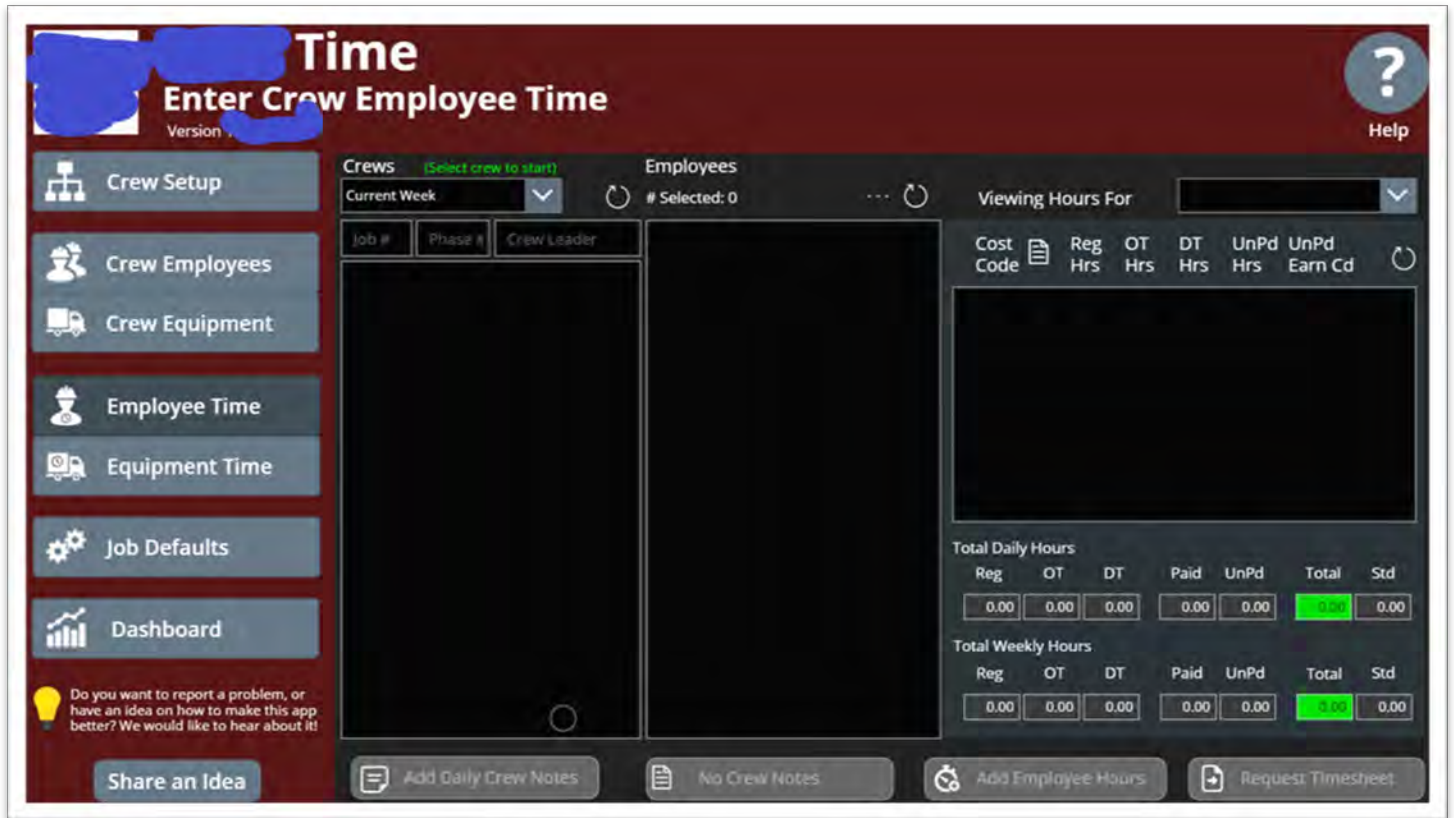


Figure 134 – Time Entry Selection Screen



Figure 145 – Time Entry Selection Screen

Time
Enter Crew Employee Time

Version: [Redacted]

Crew Setup
Crews: 2 Weeks Ago
Crew: [Redacted]
GP: [Redacted]
Leader: [Redacted]

Add Employee Cost Code Hours
Crew ID: [Redacted]
Name: [Redacted]
Date: Monday, April 20, 2020
Weather: Weather Conditions
LC #: [Redacted]
PM #: [Redacted]
Select Cost Code: LABOR LINE MAINTENANCE
Regular Hours: [Redacted]
Overtime Hours: [Redacted]
Doubletime Hours: [Redacted]
Unpaid Hours: [Redacted]
Unpaid Earn Code: [Redacted]
Per Diem \$: 0
Subsistence \$: 0
Meals \$: 0
☐ Field Check Issued for Hours
Cancel Add Hours

Viewing Hours For Monday, April 20, 2020

Cost Code	Reg Hrs	OT Hrs	DT Hrs	UnPd Hrs	UnPd Earn Cd
102	10.00	0.00	0.00	0.00	

Daily Hours Added for [Redacted]

Reg	OT	DT	Paid	UnPd	Total	Std
10.00	0.00	0.00	10.00	0.00	10.00	10.00

Weekly Hours Added for [Redacted]

Reg	OT	DT	Paid	UnPd	Total	Std
10.00	0.00	0.00	10.00	0.00	10.00	50.00

Do you want to report a problem, or have an idea on how to make this app better? We would like to hear about it!

Share an Idea Add Daily Crew Notes

Figure 156 – Time Entry Detail Screen

Time
Manage Employees for the Crew

Version: [Redacted]

Crew Setup
Crew Employees
Crew Equipment
Employee Time
Equipment Time
Job Defaults
Dashboard

Request Employees **Import Employees from the Previous Week** **Transfer Employee(s)**

Crews
Job # Phase # Crew Leader
Crew ID: [Redacted]
GP: [Redacted]
Leader: [Redacted]
Crew ID: [Redacted]
GP: [Redacted]
Leader: [Redacted]
Crew ID: [Redacted]
GP: [Redacted]
Leader: [Redacted]
Crew ID: [Redacted]
GP: [Redacted]
Leader: [Redacted]
Crew ID: [Redacted]
GP: [Redacted]
Leader: [Redacted]
Crew ID: [Redacted]
GP: [Redacted]
Leader: [Redacted]

Employees
Filter Employee Name
RAUL
JOSHUA
RONALD
SHAUN
MICHAEL
MOTHY
E, LARRY
AMES
AN, BRENT
STEPHEN
ERIC
VIRGIL
BRANDON
DANIEL
ER, ERIC

Crew Employees for:
Select All for Transfer ☐
[Redacted] ☐
[Redacted] ☐
[Redacted] ☐

Do you want to report a problem, or have an idea on how to make this app better? We would like to hear about it!

Share an Idea

Figure 167 – Build Crew - Employees

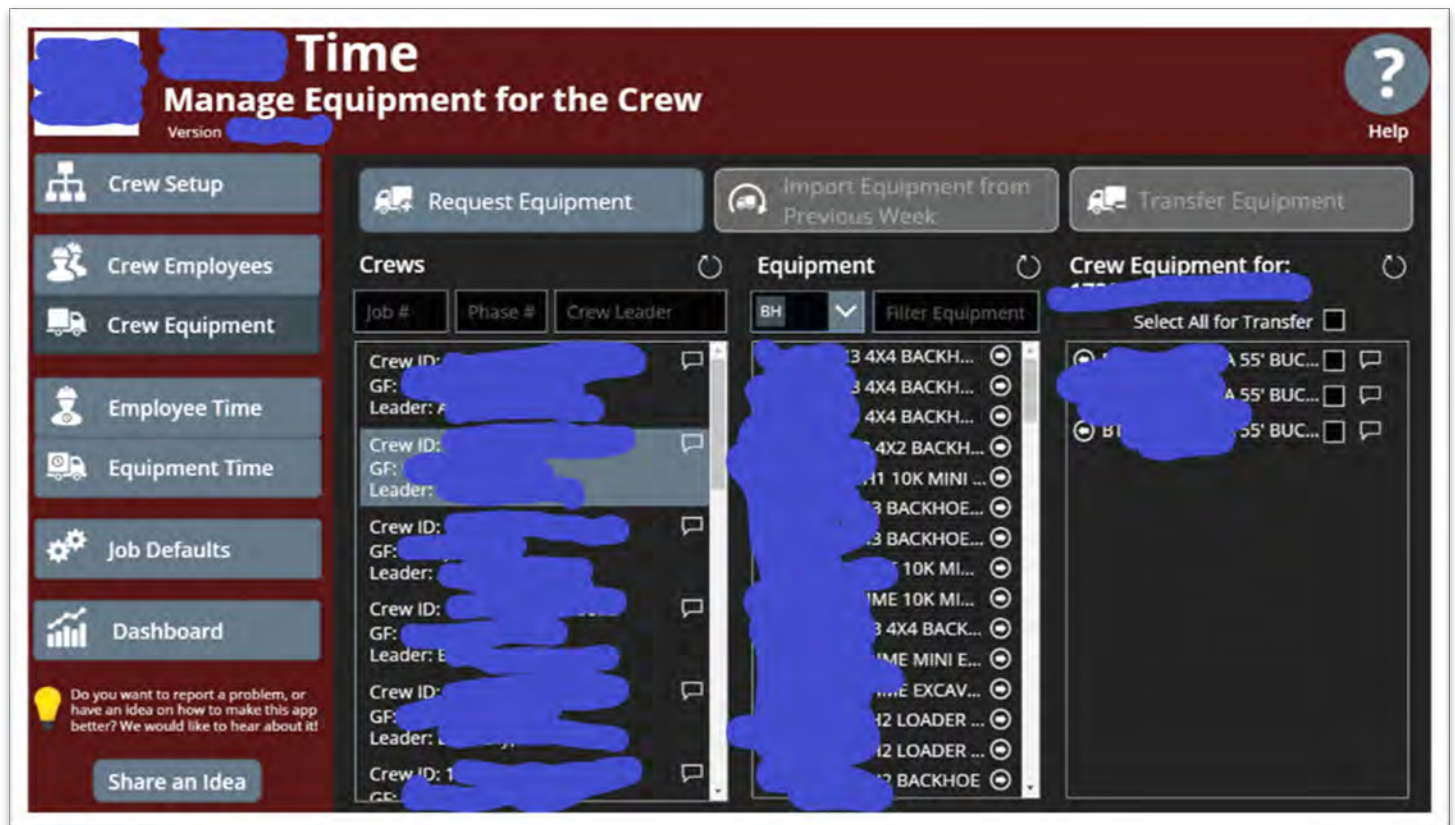


Figure 178 – Build Crew - Equipment

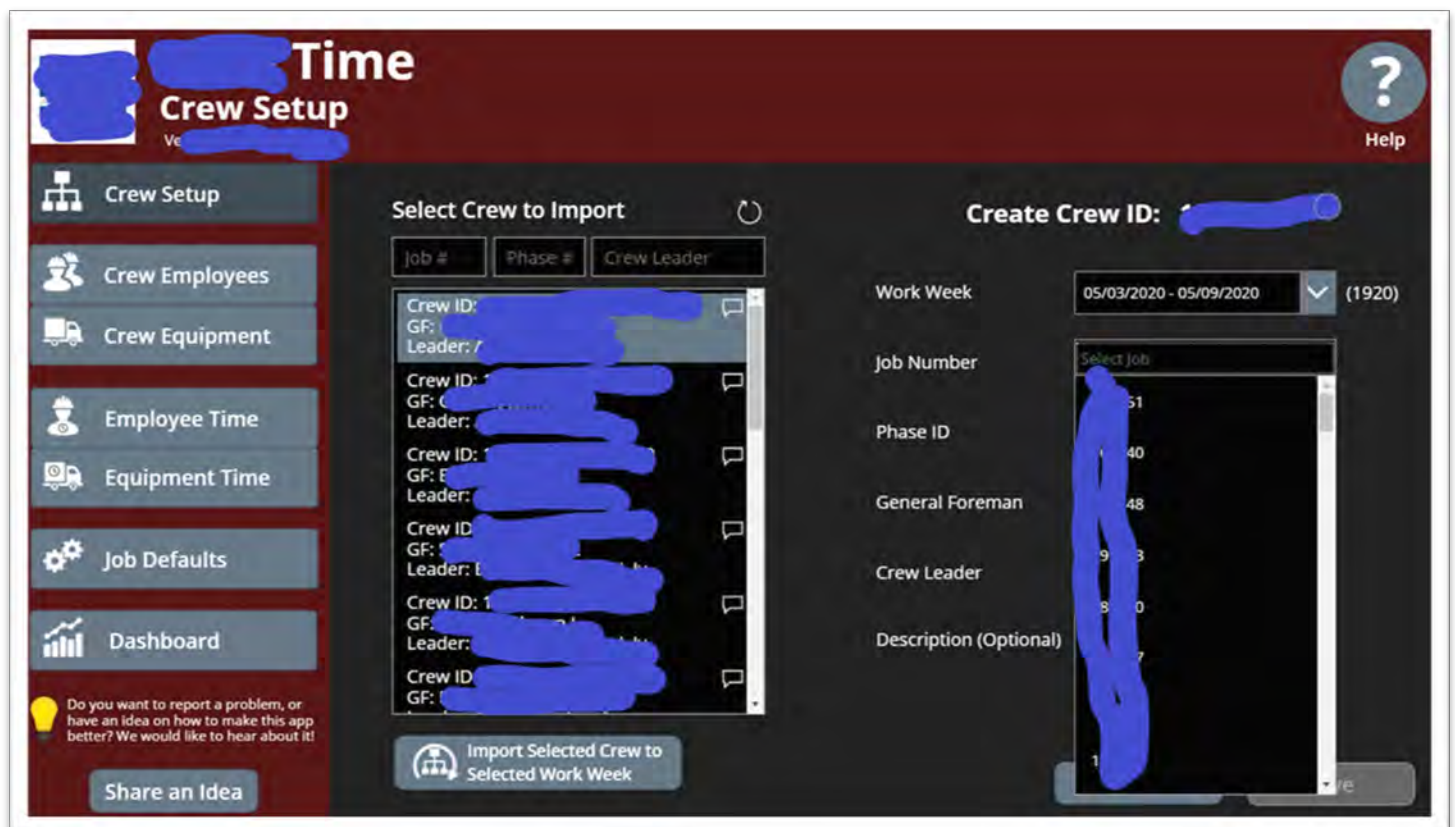


Figure 189 – Create / Transfer a Crew