Health Monitoring and Screening Mobile Application

vermont electric power company
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Jarrod Harper

Application Developer / Data Integrator

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Application Details

- **Development Platform**: Kony Quantum
- **Language:** JavaScript
- **Application Type**: Mobile Web
- **Supported Devices**: Android Phone & iPhone
- **Authentication**: Active Directory
- **Notification Type**: Email
- **Dashboard**: Power BI
- **Dev Time from Start to Go Live**: 55 Hours
- **Go Live Issues**: Authentication bug and support for small device screens
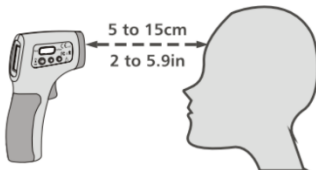
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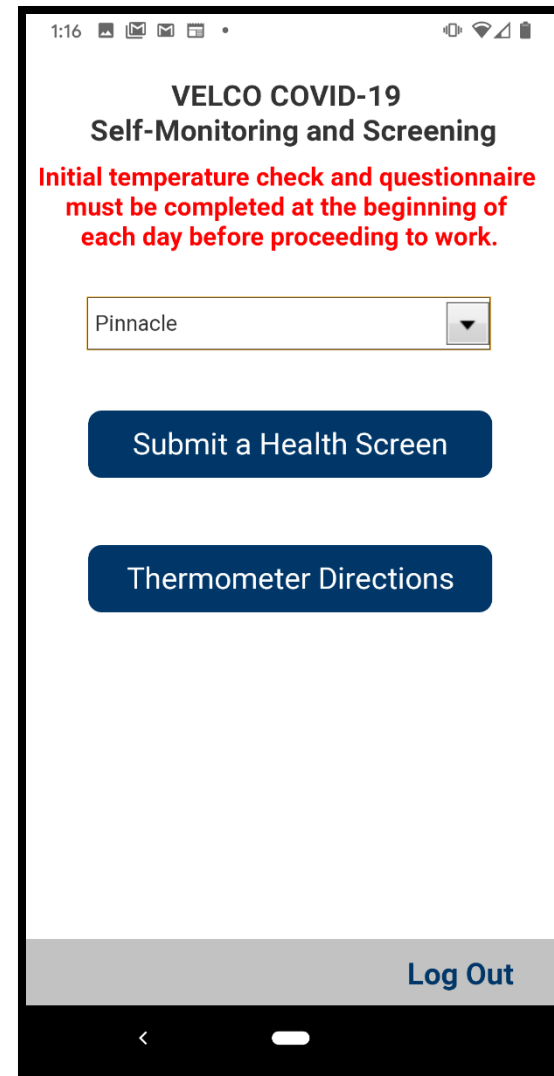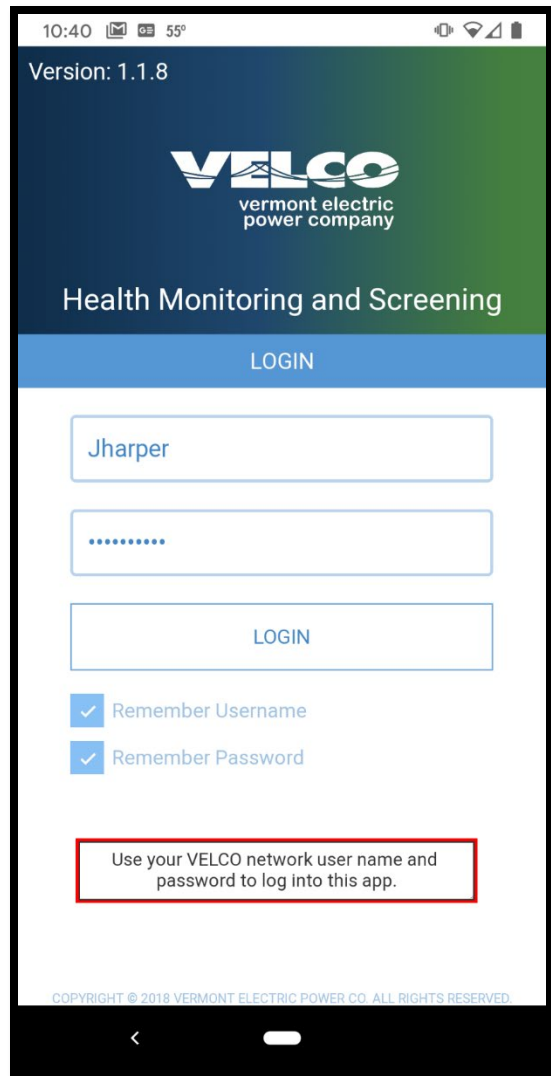
Application Images

Application Images

Instructions for using thermometer:
1) Use disinfectant to wipe down thermometer before and after each use
2) Use hand sanitizer before and after using thermometer
3) Turn on thermometer, make sure the display turns on, hold the grip of the thermometer
4) Refer to the following for proper user of the thermometer

Aim towards the forehead (see the diagram below for the positioning), from a distance of 5cm(2in), press the measuring key, the temperature is displayed immediately. Making sure there is no hair, perspiration, cosmetic or cap covered on the forehead.

5 to 15cm
2 to 5.9in

5) Observe the reading on the display
6) Turn off thermometer

In the past 14 days, have you experienced any of the following?

◯ No ◯ Yes — **Fever: Feel warm to the touch, have been feverish, or have an actual measured temperature of 100.4° F / 38.0° C or greater (temperature can be taken up to 2 hours in advance of reporting to work – if possible take your temperature at home)**

◯ No ◯ Yes — **Chills or repeated shaking with chills**

◯ No ◯ Yes — **Persistent cough**

◯ No ◯ Yes — **Difficulty breathing or shortness of breath**

◯ No ◯ Yes — **Sudden loss of taste or smell**

◯ No ◯ Yes — **Have you had close contact with anyone with a fever, cough, or shortness of breath?**

◯ No ◯ Yes — **Have you had close contact with someone that is presumed positive or is awaiting COVID-19 test results?**

Submit

Application Images

Thank you for submitting your health screen.

 - If you begin to feel ill during work, safely stop what you are doing, leave the work area and immediately notify your Manager, Safety & HR.

 - Always contact your health care provider if you have any questions or concerns with you or your family's health.

Ok
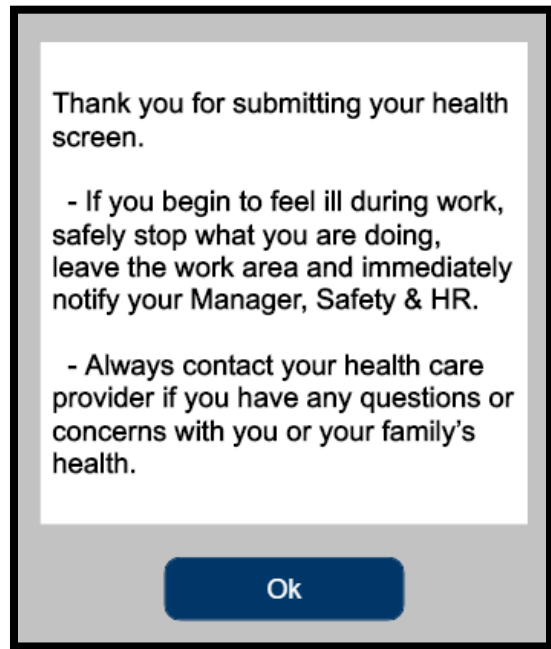
Answers to all questions are "No"

Because you answered "Yes" to one or more of the screening questions, we are concerned for your health and the health of others. Please immediately return home, call your health care provider and notify your Manager, Safety and HR.

Ok
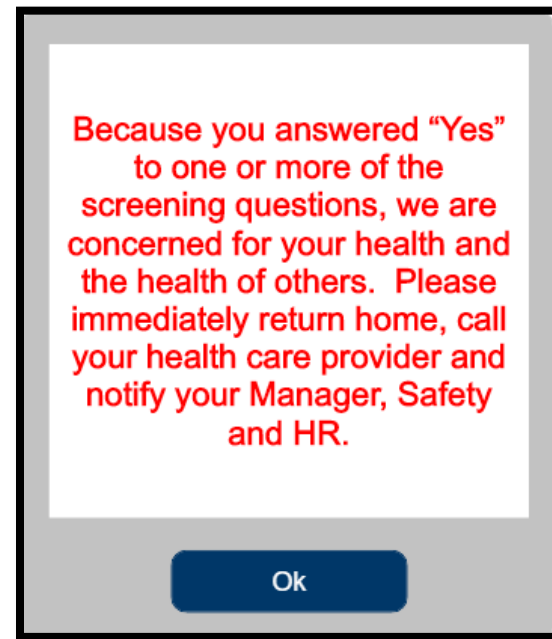
Answer to at least one question is "Yes"

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Dashboard for HR and Safety

Health Screening Dashboard

Screen Date

| 5/6/2020 | 5/14/2020 |

Screen Location

All ▾

Beginning May 6, 2020

219

Number of Screens

ScreenDate ▾	FirstName	LastName	Location	Temperature	Chills	Cough	Breathing	Smell	ContactSymptoms	ContactCOVID
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Pinnacle	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Pinnacle	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Substation	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Other	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Other	False	False	False	False	False	False	False
5/7/2020			Substation	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Substation	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Other	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/7/2020			Field	False	False	False	False	False	False	False
5/6/2020			Other	False	False	False	False	False	False	True

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Application Diagram

SQL Server

Power BI

Kony Fabric

Active Directory

Exchange

HR & Safety Notification