



Project Overview

The Professional Military Education Center (PME) located at Joint Base Elmendorf-Richardson seeks to train the next generation of Airmen in leadership skills and extensive combat employment to ensure they have the expertise to fight future wars. The goal of the project was to use the kiosk at the PME Center to expedite the in-processing of students, allowing the instructors to focus on teaching.

In to learn, out to serve!

Current Process

- They manually input student data in spreadsheets
- All students who come in need to be given information personally
 - What class they're in
 - What "flight" they are part of
- When new students are added, spreadsheets are updated manually
- Students check in with instructors individually
- Very time consuming process, each class is 300-400 students

Enter Your Information:

First Name	<input type="text"/>	Unit	<input type="text"/>
Last Name	<input type="text"/>	Phone Number	<input type="text"/>
Rank	<input type="text"/>	Current On Fitness?	Yes No
		Are You On A Profile?	Yes No
<input type="button" value="Submit"/>			



Development: Two Stages

Web

- Website created on Heroku Cloud Platform
- Student receives information request form
- Collects data such as name, rank, unit and contact information
- Once completed, the website generates a QR code with the data embedded

Application

Kiosk Interface

- On check-in day, the student scans the QR code on the kiosk barcode scanner
- The kiosk decodes the data and writes it to an Excel spreadsheet
- Instructors are able to pull the spreadsheet for their class roster

You've submitted:

Please save QR code and have it ready to be scanned when in-processing.

