American Project Assistant Phases

# Phase 1: Powershell Terminal App

## Folder Setup:

Create the folders that are usually created

## Resource Provider:

Provide templates, equipment datasheets, calculation spreadsheets, etc.

# Phase 2: React Website

## Mechanical:

* HVAC load calculations
* Duct sizing
* Ventilation & Exhaust calculations
* Combustion air calculations
* Louver sizing
* Equipment selection & schedules
* Pressure drop calculations
* eCaps api

## Water Supply:

* WSFU table
* Water supply sizing
* Bradford White api

## Drainage:

* DFU calculations table
* Oil/grease interceptor sizing
  + Oil interceptor
  + Gravity grease interceptor
  + Hydro-mechanical grease interceptor

## Gas:

* Gas load calculations
* Gas sizing

## Electrical:

* Single line diagram
* Panel board

## General:

* Summary of the project showing essential info
* Backup project as txt file
* Stopwatch for tracking time spent
* Pomodoro timer