

Alpha Presentation MAPT: Manufacturing Avatar Plant Twin

The Capstone Experience

Team Dow

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Project Overview

Create Interface for Dow's Experts

Record Sensor Placement on Specific Assets

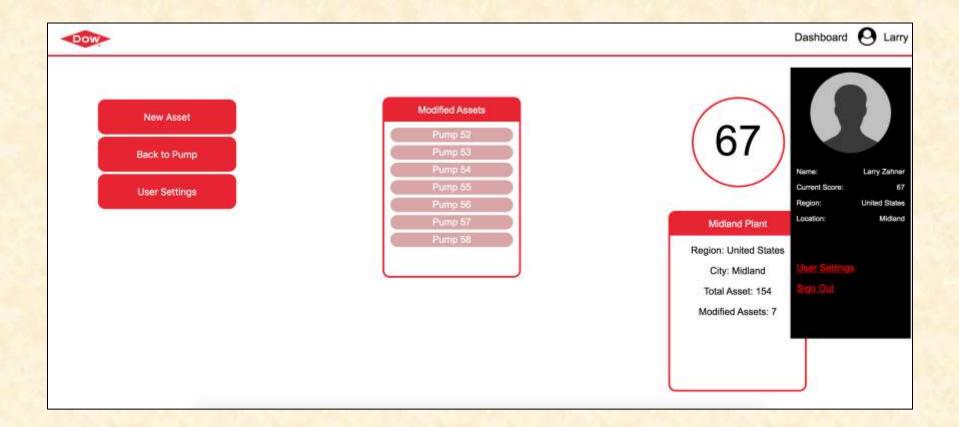
Build Database Containing These Records

Make Reporting Process Easy and Efficient

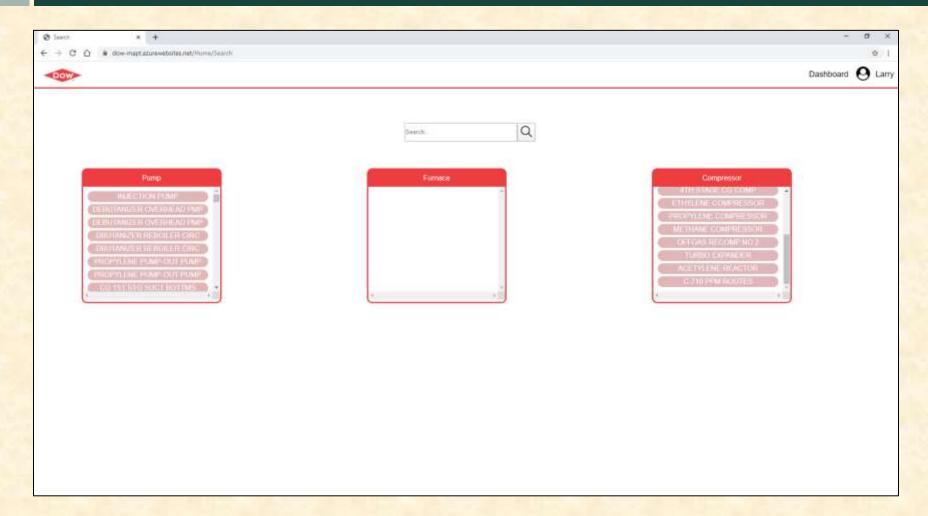
System Architecture

Front End Back End Azure Web App Resources Azure Machine Learning Microsoft SQL Server

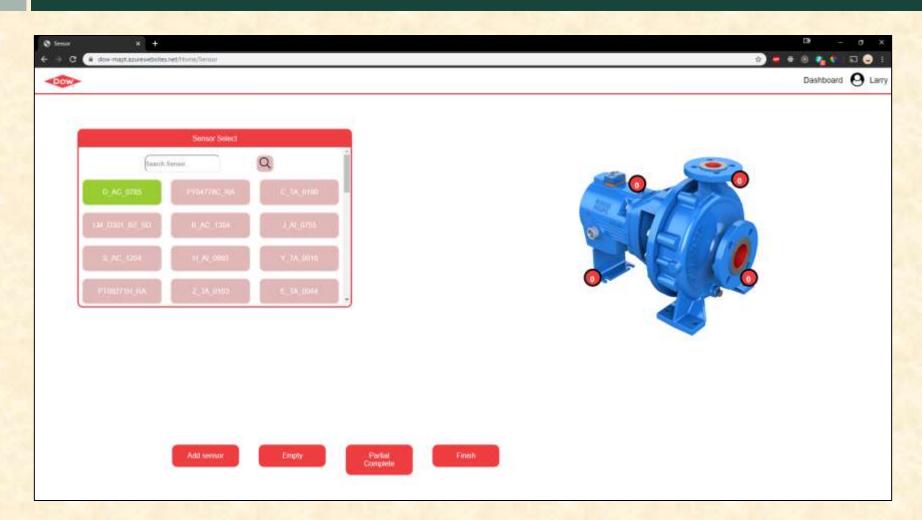
Dashboard



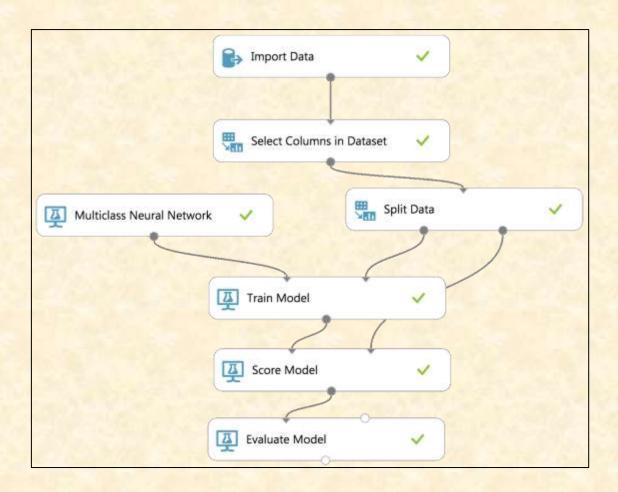
Asset Search



Sensor Page



Machine Learning



What's left to do?

Clean Up Design

Create Confidence Intervals For Reports

Display Previous Reports

 Allow For More Than 3 Types Of Rotational Equipment

Questions?

