MICHIGAN STATE
U N I V E R S I T Y

Beta Presentation
Technology Peripheral Inventory Predictor

The Capstone Experience

Team Humana

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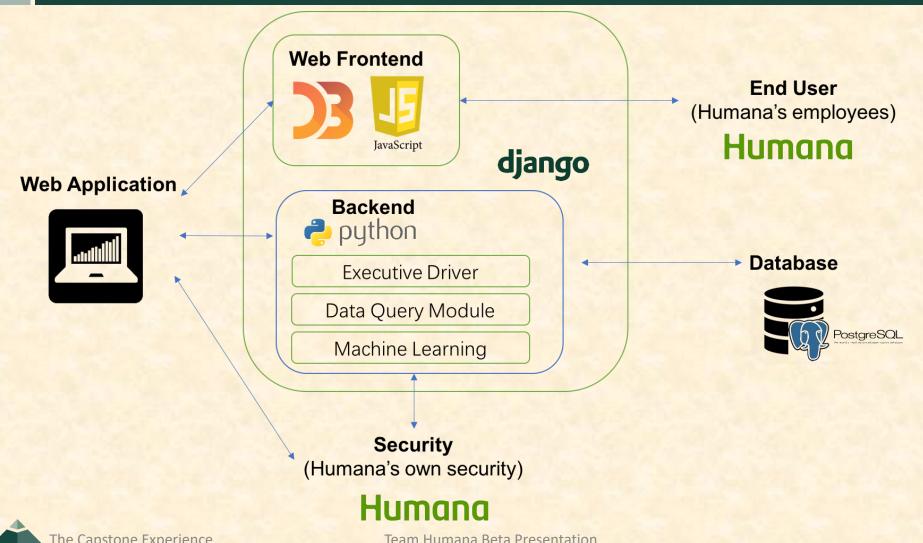Katie Sydlik-Badgerow
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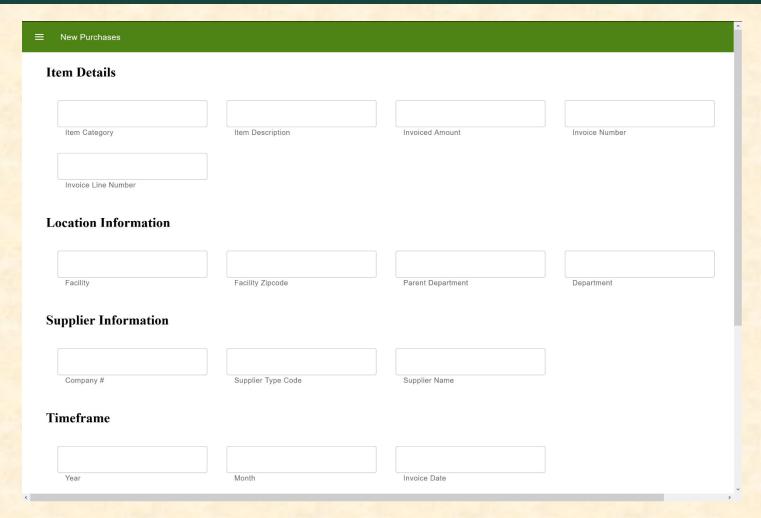Michigan State University
Spring 2019

Project Overview

- Demand forecasting for computer peripherals
    - Uses existing dataset
    - Can accept new purchases on-the-fly
- History view for past purchases
    - Identify trends
    - See combined history and predictions to make informed decisions
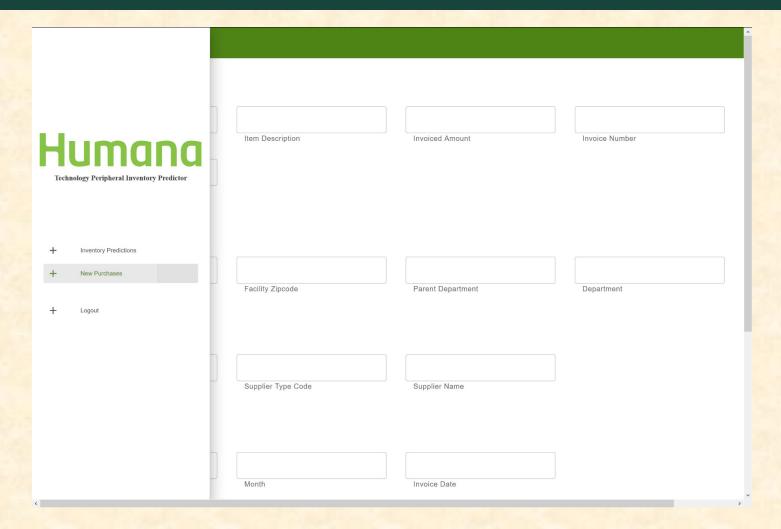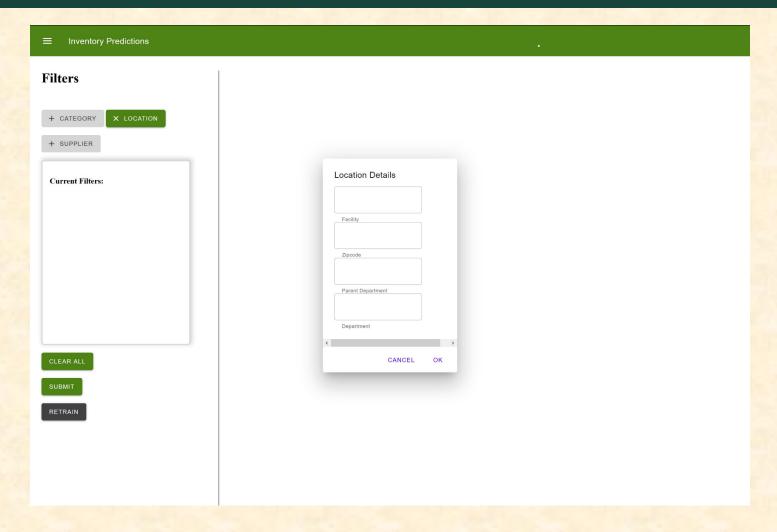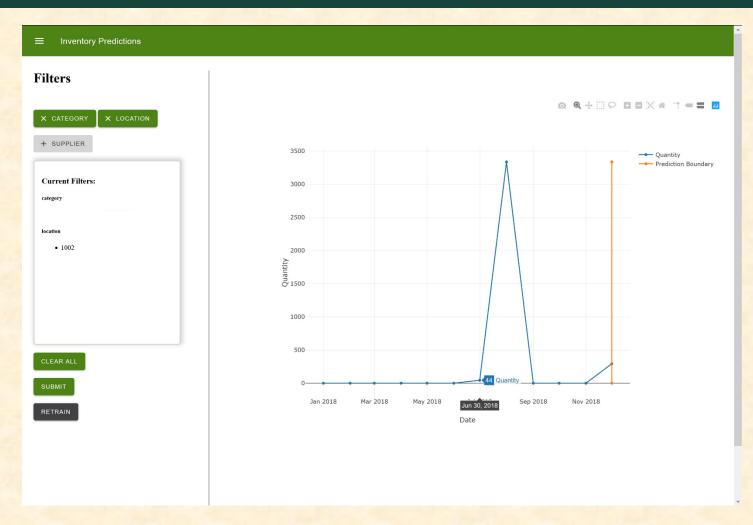
System Architecture

New Purchases Page

Navigation Sidebar

Filter Selection

Graph Display

What's left to do?

- Polish user interface
  - More user feedback for long operations
- Refine machine learning model
- Detailed information about what items were purchased in a month
- General cleanup, ready for handoff

Questions?