Procore Vision Statement

Team Members

- Kevin Lee (Lead) nivek325@gmail.com
- Sean Shelton ssgreatw1@gmail.com
- Samuel Chu samuelechu@gmail.com
- Jimmy Le lejimmyl@yahoo.com
- Natasha Lee tashalee168@gmail.com

Introduction

Procore offers a large suite of tools to their customers that can be overwhelming to choose from. To make the process easier, we want to provide customers visual representation of customer analytics.

Currently, Procore stores terabytes of customer data but customers can't see any of it. Access to this valuable information would help Project Managers make important decisions in purchasing Procore tools. Our goal is to point all this data back to the customer to help them operate more efficiently. This helps project managers make better business decisions and save costs.

Problem Statement

What problem the project is solving?

Procore offers a large suite of tools to their customers. Customers can be overwhelmed by all these options. This makes it hard for them to decide which tools to purchase from Procore. We want to innovate the way data is organized and redirected to the customer in a clear, and concise way.

Why the problem is important?

This product is important because currently customers have no way of accessing this data to see how various products are used. It's important to be able to visualize this data in real time so that project managers can make good decisions during crucial parts of their projects.

How the problem is solved today?

Currently the problem is solved by organizing this data and presenting it to clients in a way that lets them quickly pinpoint trends and important points so that they can make decisions going forward based on that data. However, this is inefficient because the clients have to consult Procore each time they want to get analytics on their product usage.

Timeline

- Sprint 1 (Oct. 12th to Oct. 25th)
    - Have a foundation for the design/planning of the project
    - Have proof of concepts for the tools we're going to use
    - Have an established workflow
- Sprint 2 (Oct. 26th to Nov. 8th)
    - Mainly need to work on the infrastructure of the project
        - Where will we be hosting our web app?
        - Continuous integration with GitHub?
        - Testing
- Sprint 3 (Nov. 9th to Nov. 20th)
    - Basic framework of the project should be integrated
- Sprint 4 (Nov. 21st to Dec. 8th)
    - Have a presentation of what we've accomplished so far
    - Have a demo of our current product
    - Have ideas for what we'll be adding for next quarter

Initial Project Milestones

- Host an accessible, public website
- Create our first graph/chart using Superset
- Access the data from the Procore database

Tools

Languages: SQL, JavaScript, Ruby
Version Control: Git, GitHub
Project Management: Trello
Communication: Slack
Online Services: AWS (EC2, Lambda)
Continuous Integration: Jenkins/CircleCI/TravisCI