App Description

App Idea

       The PG&E Energy Reducer will be a web application for PG&E customers that will allow them to visualize their heat and electric consumption through easily readable and understandable graphical representations. The app will also show trends and recurring energy spikes and will give the customer advice to help reduce their energy consumption as well as their energy costs.

App Users

       PG&E customers without smart home products or other applications that monitor energy consumption (i.e. smart thermostats, energy monitors) aged at 18+.

App Workflow

       To use our app a PG&E customer will **sign in to their account*** where they will be met with a number of charts showing consumption for both gas and electric by day, month, and year. Areas of high consumption will be identified and highlighted by the app, which will be accompanied with advice to reduce consumption in said areas. The users will use the information provided by the app to reduce their energy consumption.

App Data Types

       JSON files of customer usage data from PG&E database
       Auth credentials