

App Description

~ EUPA - Energy Utility Polling App ~

App Idea

This application will be used for both education/information provision and for polling/data collection. This application will provide information for the partner utilities to inform future decision making. The development of this application will provide new information about how to most effectively transition to renewable energy and more efficient energy use for public utilities in Michigan.

In other words, this app will provide short descriptions of available utilities to customers based on their location. The app will use polling questions to collect data on households' current utilities and whether their current utilities will change based on new information.

Users

- **Users:**
 - User Description: homeowners, renters, landlords, etc.
 - Older demographic with familiarity in using technology

App Workflow

The general workflow of primary users will be as follows:

1. The user arrives on the website.
2. The user starts taking the poll, first indicating what their utility provider is: Charlevoix, Harbor Springs, Petoskey, and Traverse City, other.
3. The user is then shown information about their chosen utility company's renewable energy programs and other information.
4. The poll continues, the user answers multiple questions.
5. The poll ends

Views

1. Landing page
 - a. "Northern Michigan Style" pictures
 - b. Choose location
2. Charlevoix Page
 - a. Company specific information
 - b. Company specific questions
 - i. Widgets specific to poll questions
 - c. General questions
 - i. Widgets specific to poll questions
3. Harbor Springs Page
 - a. Company specific information
 - b. Company specific questions
 - i. Widgets specific to poll questions
 - c. General questions
 - i. Widgets specific to poll questions

4. Petoskey Page
 - a. Company specific information
 - b. Company specific questions
 - i. Widgets specific to poll questions
 - c. General questions
 - i. Widgets specific to poll questions
5. Traverse City Page
 - a. Company specific information
 - b. Company specific questions
 - i. Widgets specific to poll questions
 - c. General questions
 - i. Widgets specific to poll questions
6. Other Page
 - a. Company specific information
 - b. Text Field and button to indicate utility provider
 - c. General questions
 - i. Widgets specific to poll questions

Data

- The data presented would be short descriptions and links to relevant information
 - Information based on utilities in location
- The data collected will be quick survey based
 - Only available on the backend for us to view.

Anticipated Challenges

1. Question mapping
 - a. Being able to give relevant questions and information based on previous questions.
2. Information Display
 - a. Displaying information specific to each company in an easy-to-read format without simply providing links to corresponding websites