Tackling geographical healthcare inaccessibility through technological solutions: The creation of Bloom Policy

By Julia Yilmaz

INTRODUCTION

Name: Julia Yilmaz
Major/Minor: Sociology/Computer Science
Project Title: Bloom Policy
Languages/Frameworks: JavaScript, HTML, CSS, Marketplace API, Finder API
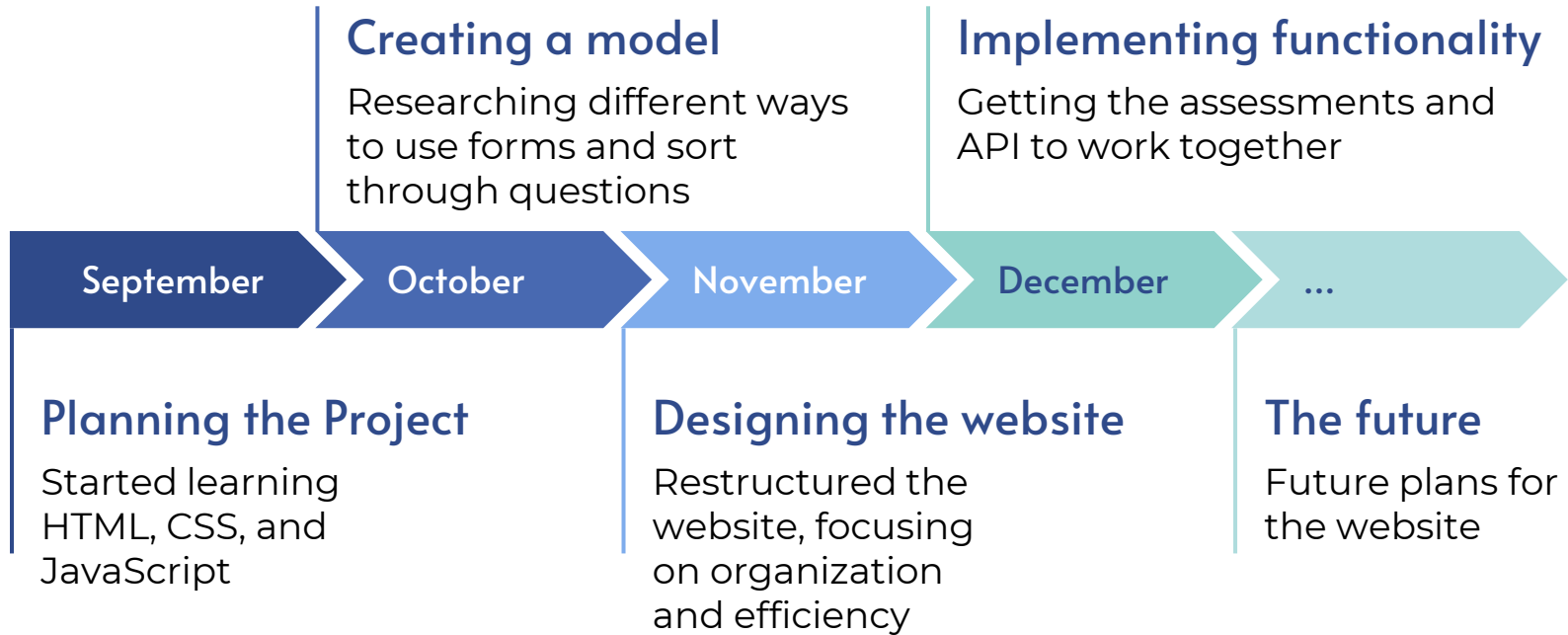
Societal Problem

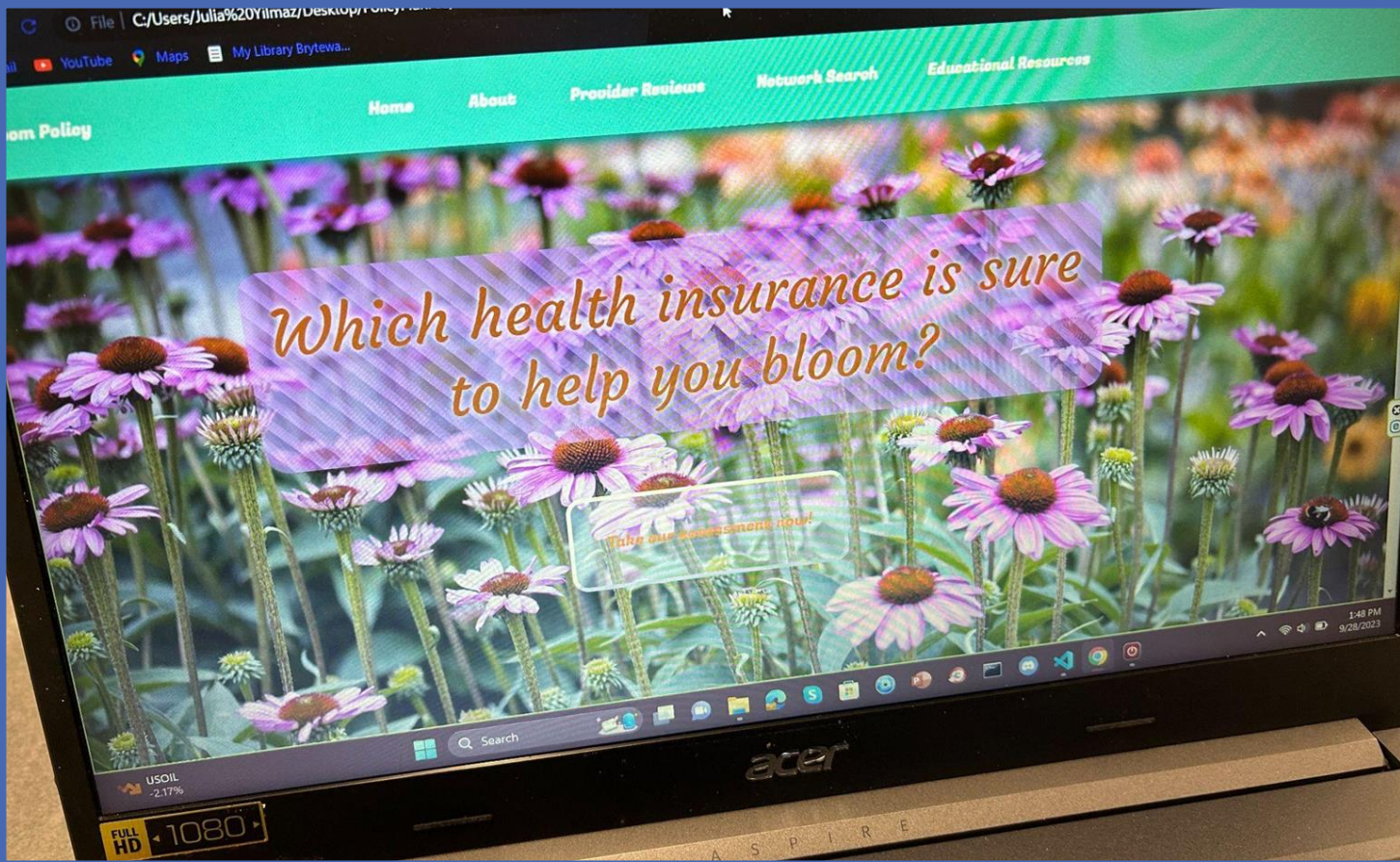What do I mean by "healthcare inaccessibility?"

Technological Solution

What can be created to solve these problems?

Development Timeline

Creating a model
Researching different ways to use forms and sort through questions

Implementing functionality
Getting the assessments and API to work together

September | October | November | December | ...

Planning the Project
Started learning HTML, CSS, and JavaScript

Designing the website
Restructured the website, focusing on organization and efficiency

The future
Future plans for the website

What factors affect plan premiums?

location, age, tobacco use, plan category, and whether the plan covers dependents...

The website design today....

We've got you covered!

Enter insurance ID:

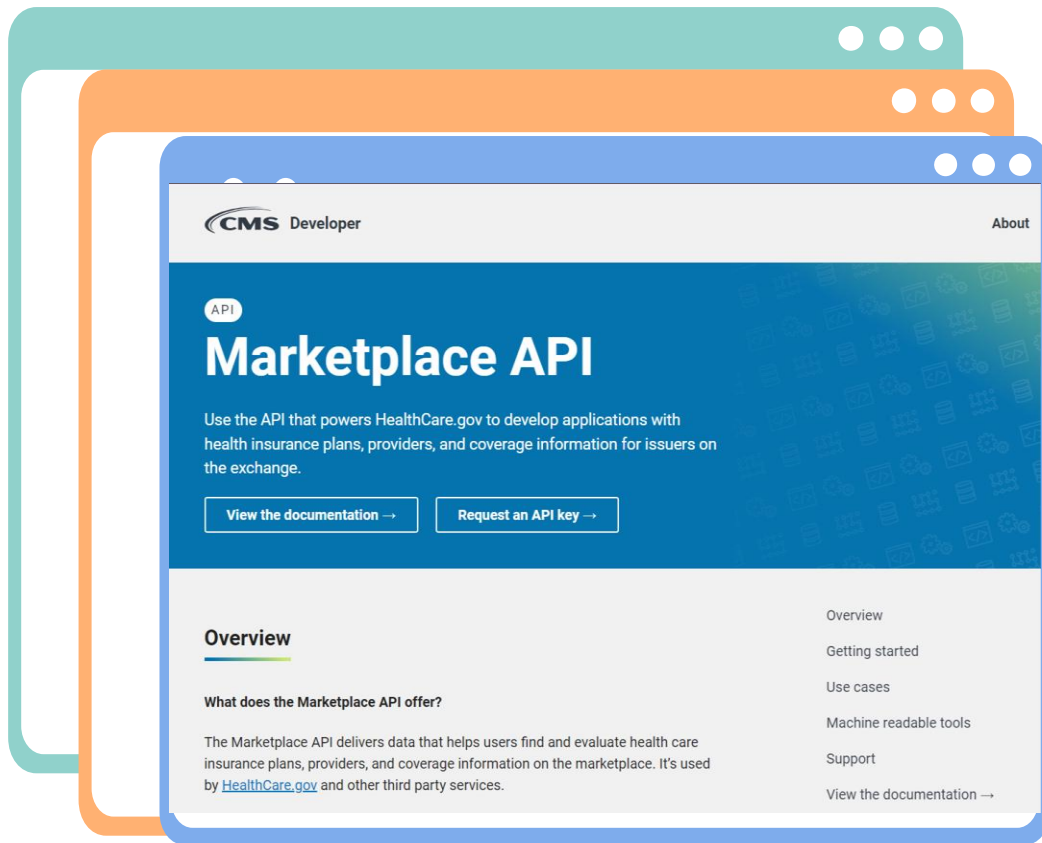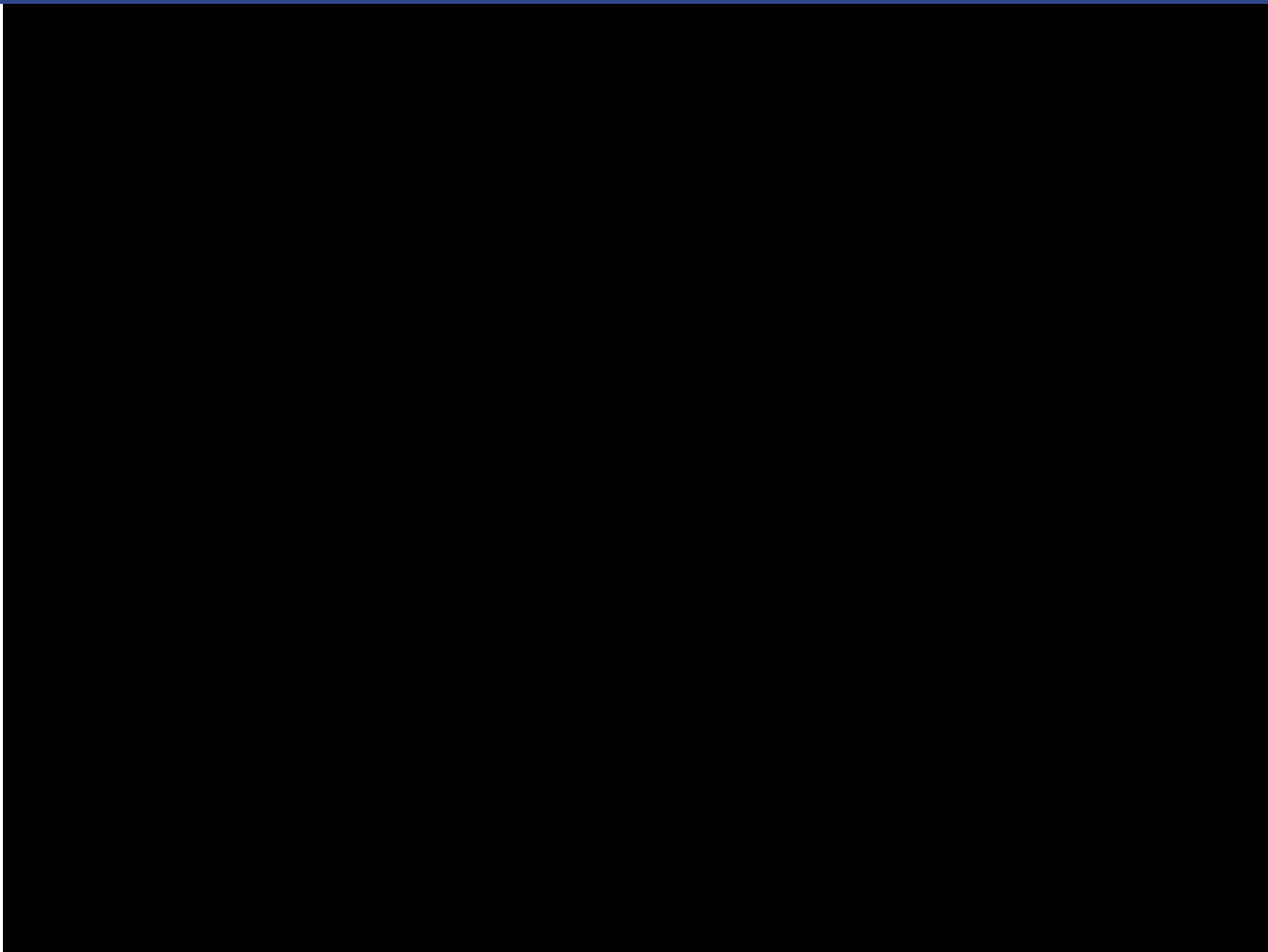Enter Medication name:

Am I covered?

```javascript
function nextQuestion(e){
    if(activeQuestion > questions.length){
        activeQuestion = 0;
    }
    questions[activeQuestion].classList.remove('visible'); //hides current question
    activeQuestion++;
    questions[activeQuestion].classList.add('visible'); //shows next question
}
```

Marketplace API

Features:
- Ability to search for marketplace plans for Individuals and families.
- Discover if plans provide coverage for specific medications/drugs.
- View insurance costs, benefits, and eligibilities.

CMS Developer   About

API

Marketplace API

Use the API that powers HealthCare.gov to develop applications with health insurance plans, providers, and coverage information for issuers on the exchange.

View the documentation →   Request an API key →

Overview

What does the Marketplace API offer?

The Marketplace API delivers data that helps users find and evaluate health care insurance plans, providers, and coverage information on the marketplace. It's used by HealthCare.gov and other third party services.

Overview

Getting started

Use cases

Machine readable tools

Support

View the documentation →

Future plans for Bloom Policy...

Drug Coverage Search

Already available through Marketplace API

Implement Finder API

With this, I can create an assessment that includes small business and create a wider range which expands beyond marketplace states

Provider Network Search

Allow users to search for medical providers within health plan networks

Create more Questions

Marketplace API offers more detailed answers based on what I include in the assessment

Thank you for listening!
Remember to take care of yourself :)