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

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INTRODUCTION

Name: Julia Yilmaz
Major/Minor: Sociology/Computer Science
Project Title: Bloom Policy
Languages/Frameworks: JavaScript, HTML, CSS, Marketplace API, Finder API
What do I mean by “healthcare inaccessibility?”

What can be created to solve these problems?
Development Timeline

**September**
Planning the Project
Started learning HTML, CSS, and JavaScript

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

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

**December**
Implementing functionality
Getting the assessments and API to work together

**The future**
Future plans for the website
What factors affect plan premiums?

location, age, tobacco use, plan category, and whether the plan covers dependents...
Which health insurance is sure to help you bloom?
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.
Future plans for Bloom Policy...

**Drug Coverage Search**

Already available through Marketplace API

**Implement Provider Network Search**

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

**Create more Questions**

Allow users to search for medical providers within health plan networks

Marketplace API offers more detailed answers based on what I include in the assessment
Thank you for listening!
Remember to take care of yourself :)