

Fall 2024 SDOH Project

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Background

Client Profile

Patricia Cooper, JD, RN, CHC is the Chief Compliance Officer at Stony Brook Medicine with over 20 years of experience as a nurse practitioner, attorney, and healthcare compliance leader. She specializes in compliance, privacy, risk management, and ethical practices.



Patricia Cooper, JD, RN, CHC

Project Goals

- Develop a user-friendly dashboard to organize and display Social Determinants of Health (SDoH) resources
- Ensure the platform is fully accessible with ADA-compliant features
- Bridge health equity gaps by connecting users to vital services like food assistance, housing, and healthcare
- Enable easy resource searches by ZIP code, category, or delivery method with an interactive map
- Streamline navigation by organizing resources into 8 clear categories

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Webpage Overview

Webpage Issues

Story Brook Medicine

Long Island Community Resources

Search for resources by zipcode and distance.

Category:
All selected

Delivery Method:
All selected

Zipcode:
11733

Distance (miles):
99

Search

Results for 11733 within 99 miles

- Excessive space taken up by the logo and search bar
- Limited visibility of content due to layout constraints

Print Results

Office of the Aging-Elder Services (Hauppauge)

Service Tag: Community Assistance

Delivery Method: Hotline

nan, Hauppauge, nan

Phone: 631-853-8200

Hours: nan

No website available

► Additional Details

► JSON

Office of the Aging-Elder Services (Riverhead)

Service Tag: Community Assistance

Delivery Method: Hotline

nan, Riverhead, nan

Phone: 631-852-1420

Hours: nan

No website available

► Additional Details

► JSON

United Way

Service Tag: Community Assistance

Delivery Method: Hotline

nan, nan, nan

Phone: 631-940-3700

Hours: nan

No website available

► Additional Details

► JSON

Nassau / Suffolk Law Services

Service Tag: Community Assistance

Delivery Method: Hotline

nan, nan, nan

Phone: 631-232-2400

Hours: nan

No website available

► Additional Details

► JSON

- Display of invalid or outdated information
- Missing feedback options for users

First Version Changes: Enhanced Usability and Layout

Specific Changes

- Repositioned logo and search bar
- Adjusted map placement

Remaining Limitations

- Some usability issues may persist (e.g., interaction design, incomplete or redundant information in search results)
- No significant updates to user feedback mechanisms

Category:

All selected

Delivery Method:

All selected

Zipcode:

11733

Distance (miles):

99

Search

Results for 11733 within 99 miles

Employment
2 results

Alcohol and Substance Use Disorder Resources
7 results

Veterans Assistance
3 results

Education and Libraries
6 results

Food Pantries
145 results

Domestic Violence
19 results

Family and Childrens Services (Government/Elected)
7 results

Womens Health and Pregnancy Care
4 results

Community Assistance
9 results

Community Outreach / Non-Profit
8 results

Emergency Housing
9 results

Important Numbers / Hotlines
22 results

Family and Childrens Services (Chambers/Civics)
3 results

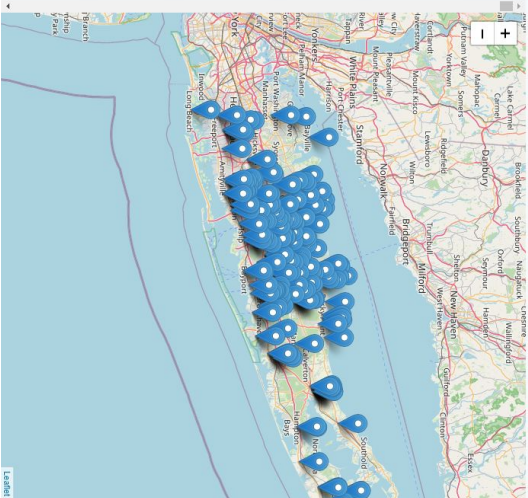
Health Clinics
5 results

Transportation
2 results

Stony Brook Medicine

Long Island Community Resources Test

Search for resources by zipcode and distance.



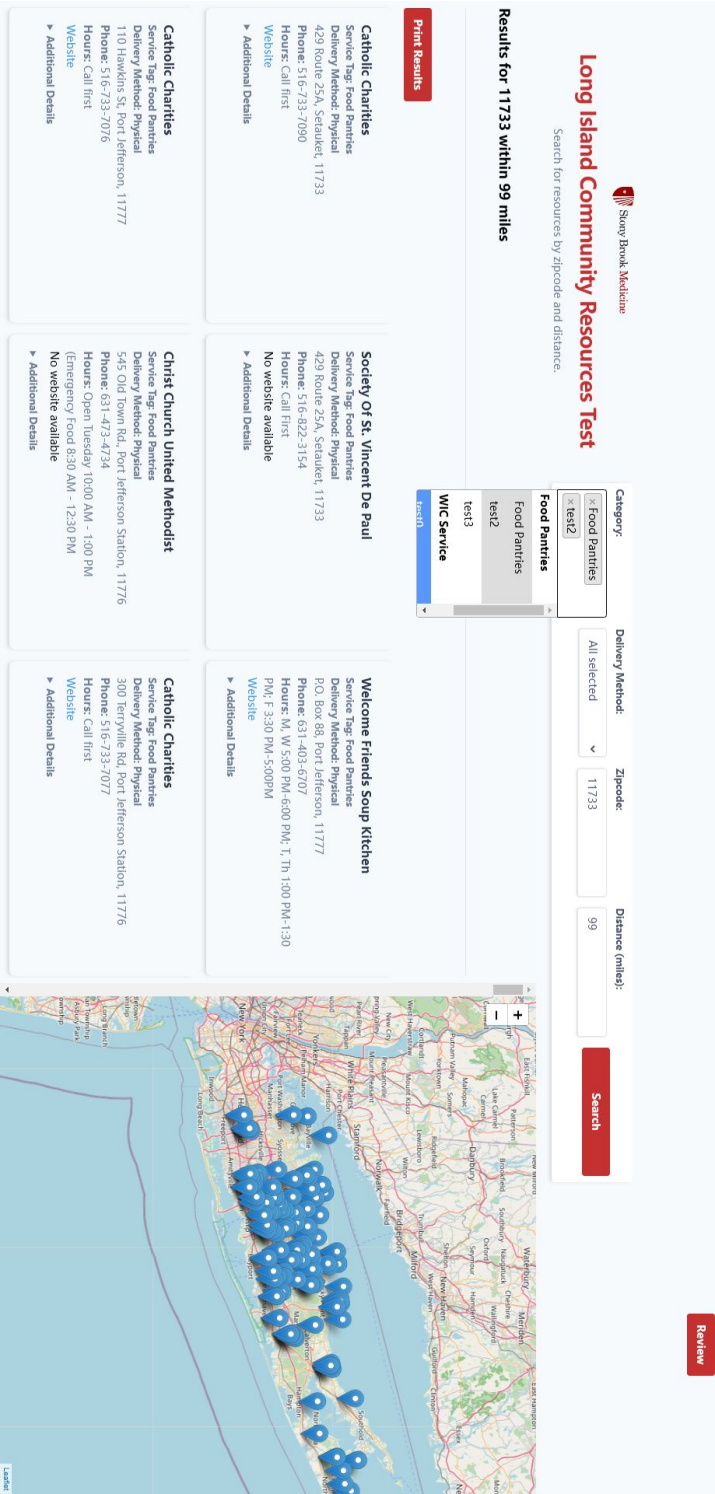
Second Version Changes: Enhanced Functionality and Categorization

Specific Changes

- Revised webpage layout
- Added a "Review" button for user feedback
- Removed category counts
- Incorporated subcategories

Key Differentiators

Prioritized functionality improvements with restructured categorization and introduced user engagement tools



Alternative Layout: Left-Side Filters and Enhanced Clarity

Specific Changes

- Added left-side filters for intuitive navigation
- Included a disclaimer to clarify non-affiliation with listed resources

Advantages

- Left-side filters enable users to adjust preferences while viewing results and the map
- The disclaimer enhances credibility and reduces legal risks related to third-party links

Review

Category:

Select Categories:

Delivery Method:

All selected

Zipcode:

Distance (miles):

Search

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Long Island Community Resources Test

Search for resources by zipcode and distance.

Search Filters

Category:

☐ Food & Nutrition Services

☐ Housing & Utility Assistance

☐ Health & Medical Services

☐ Community & Family Services

☐ Legal & Social Assistance

☐ Emergency & Crisis Services

☐ Employment & Veteran Services

☐ Transportation Services

Results for 11733 within 99 miles

Print Results

Catholic Charities

Service: Inp Food Pantries

2000 N Broadway

4039 Route 25A

Call First

Society Of St. Vincent De Paul

Service: Inp Food Pantries

2000 N Broadway

4039 Route 25A

Call First

Research Foundation of SUNY Stony Brook

Service: Inp WIC Service

2000 N Broadway

181 N Belle Meade Rd Suite 2

7181

Map

Map showing resource locations (blue pins) on Long Island, New York. The map includes labels for various locations such as Great Neck, Manhasset, Roseton, and others. A legend indicates that blue pins represent resource locations.

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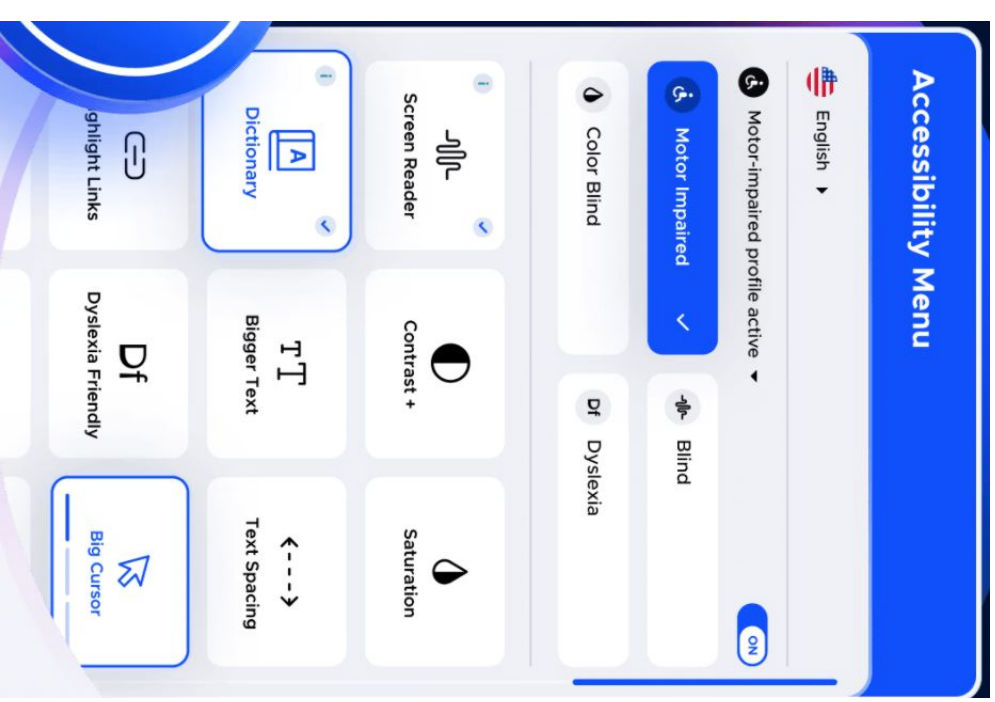
Long Island Community Resources Test

Search for resources by zipcode and distance.

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ADA Accessibility Enhancements

- **Commitment to Accessibility:**
 - Ensuring the dashboard is inclusive and usable for individuals with disabilities.
 - Aligning with ADA standards to promote equity in access to resources.
- **Tools Explored:**
 - **UserWay Widget:**
 - Provides text resizing, high contrast modes, and screen reader support.
 - Operates entirely within the browser without tracking user data.
 - **Sienna Widget:**
 - Open-source solution offering customizable accessibility features.
 - Requires manual integration but ensures complete data privacy.
- **Balancing Privacy and Functionality:**
 - Privacy concerns addressed by confirming that UserWay's free widget does not collect or store user data.



03

Resource Summary

Overview

**Initial Number of
Resources: 286**

**Current Number of
Resources: 269**

01 Streamlined Categorization

- Introduced main categories and subcategories for better organization
- Renamed main categories for clarity and relevance

02 Collaborative Review

- Partnered with Patricia to refine the resource list
- Excluded organizations that didn't align with the dashboard's goals

03 Enhancements

- Added new subcategories to improve accessibility and specificity
- Updated resource list with missing information

Updated Categories

Community & Family Services

- Community Assistance
- Community Outreach / Non-Profit
- Family and Children's Services
- Servicios en Español

Emergency & Crisis Services

- Family and Children's Services
- Alcohol and Substance Use Disorder Resources
- COVID Resources
- Important Numbers / Hotlines

Employment & Veteran Services

- Employment
- Veterans Assistance

Food & Nutrition Services

- Food Pantries
 - WIC Service
-

Updated Categories

Health & Medical Services

- Health Clinics
- Medical Insurance
- Mental Health Services
- Postpartum and Parental Support
- Women's Health and Pregnancy Care

Housing & Utility Assistance

- Emergency Energy and Utility Assistance
- Emergency Housing

Legal & Social Assistance

- Domestic Violence
- Social Work Services

Transportation Services

- Transportation
-

O4

Looking Ahead

Next Steps

Finalize Updates

- Push the final code to GitHub
- Upload the updated resources sheet to the dashboard

Ensure Accessibility Compliance

Evaluate tools like **UserWay** and **Sienna** to enhance accessibility while safeguarding user privacy

Enhance User Interaction

Implement functionality for the “Write a Review” button to collect and store user feedback

Plan for Future Growth

Develop a roadmap for transitioning to the advanced dashboard version targeted for 2025

THANK YOU