

# Sound Generations

Seattle University Capstone Project

– By

- Aedan McCall
- Anthony Ngo
- Zhou Jin
- Benson Wakaba
- Jyothi Penmetsa



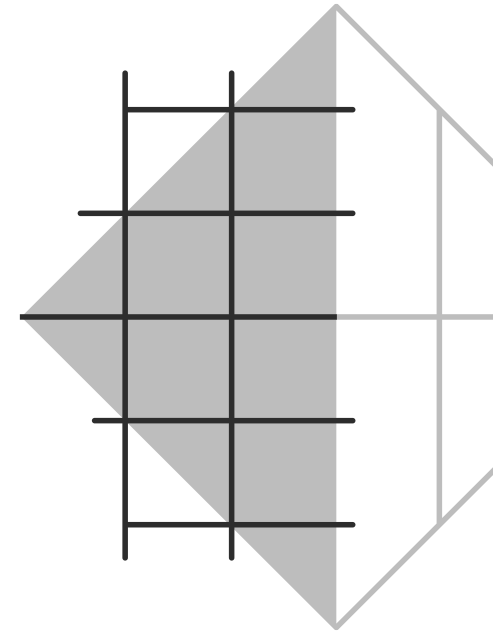
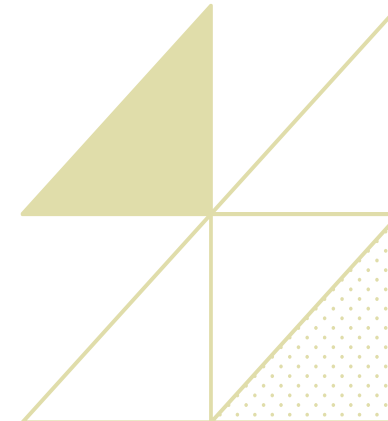
SEATTLE UNIVERSITY





# Agenda

- Team & Sponsor Introduction
- Problem Statement, Solution & Scope
- Technology & Architecture
- Progress & Demo
- Future Plan, Blockers
- Summary & Lessons Learned





Left to Right: Jyothi, Zhou, Benson, Anthony, Aedan

# O U R T E A M



Faculty Advisor: **Mike Mckee**

# Sponsor Liaison Acknowledgment

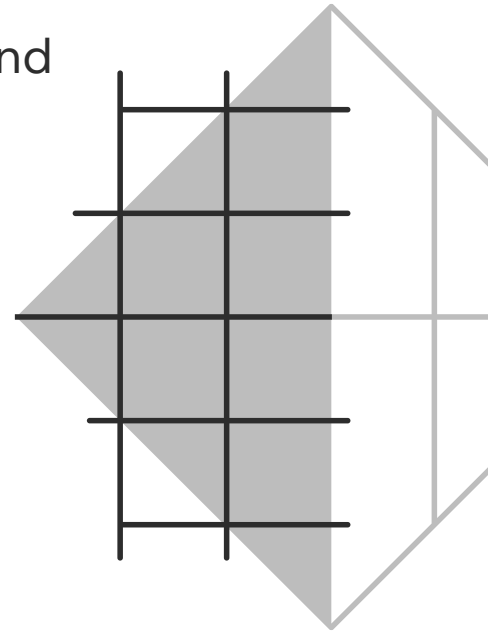
- **Aaron Jin**, Digital Communications Specialist
- **Brittany Blue**, Chief Marketing & Philanthropy Officer
- **Maya Toleu**, Marketing & Communications Specialist
- **Scott Marlow**, WordPress Specialist
- **Sylvia Shiroyama**, Product Manager, Volunteer for Sound Generations





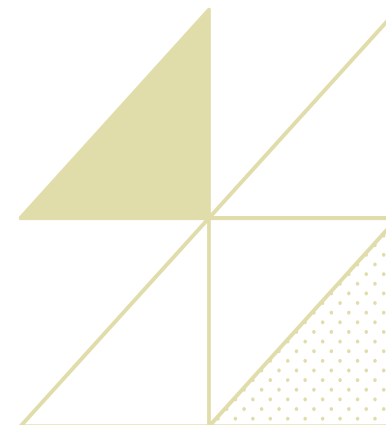
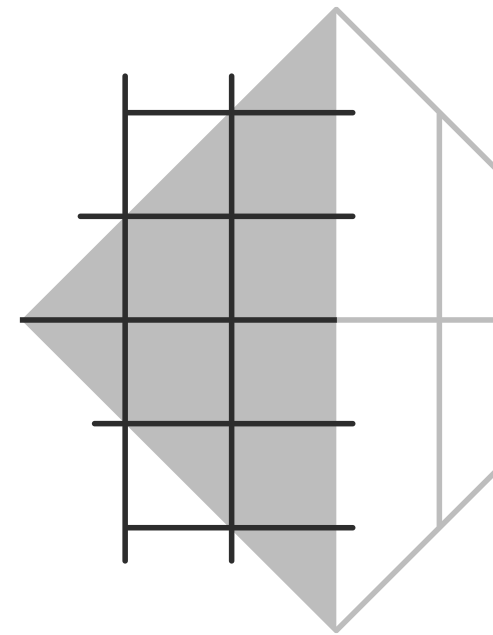
# Sound Generations Background

- Mission and Vision
  - To partner with older adults to provide accessible and inclusive services
  - Envision a responsive, multigenerational community that recognizes and fulfills the diverse and changing needs of everyone as we age
- Key Services and Programs
  - Meals on Wheels, Community Dining
  - Hyde Shuttle, Community Transportation
- Community Impact
  - 26,500+ individuals served in 2023
  - 1074 volunteers
  - Services from Shoreline, Renton, Bellevue and beyond



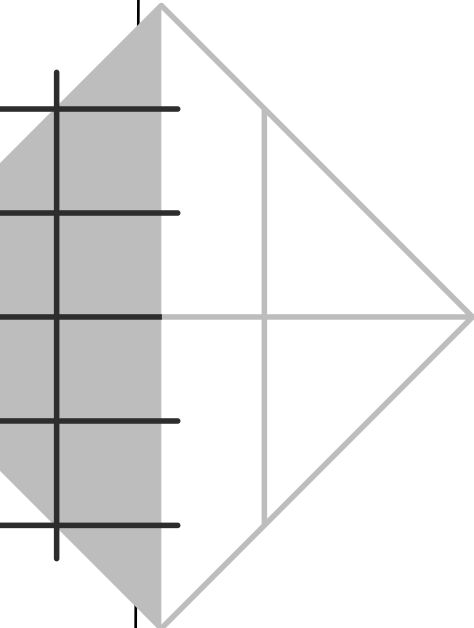
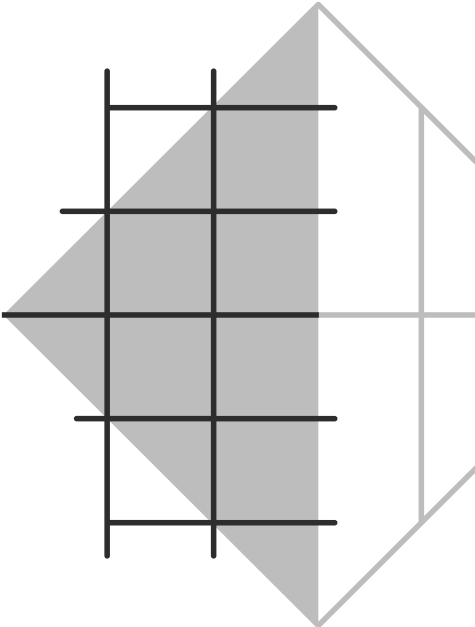
# Problem Statement

- ❖ Improve User Interaction
- ❖ Reduce Complex Navigation





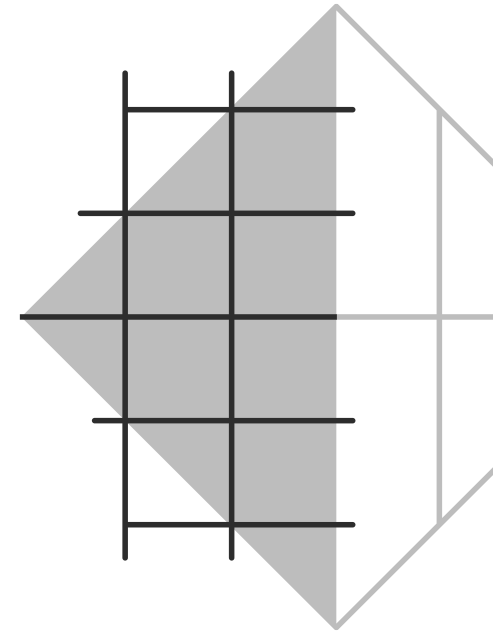
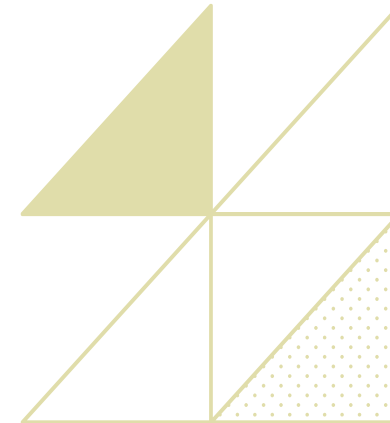
## Solution: Re-Design Website

- 
- ❖ Improve Navigation
  - ❖ User-Friendly Access
  - ❖ Website Engagement
  - ❖ Responsive Design
- 



# Scope

- ☐ Redesign the core pages of the Sound Generations website.
- ☐ Attach telemetry data collection at key interaction points to analyze user interactions and site performance (Google Analytics)
- ☐ Perform UI functional testing (Selenium)

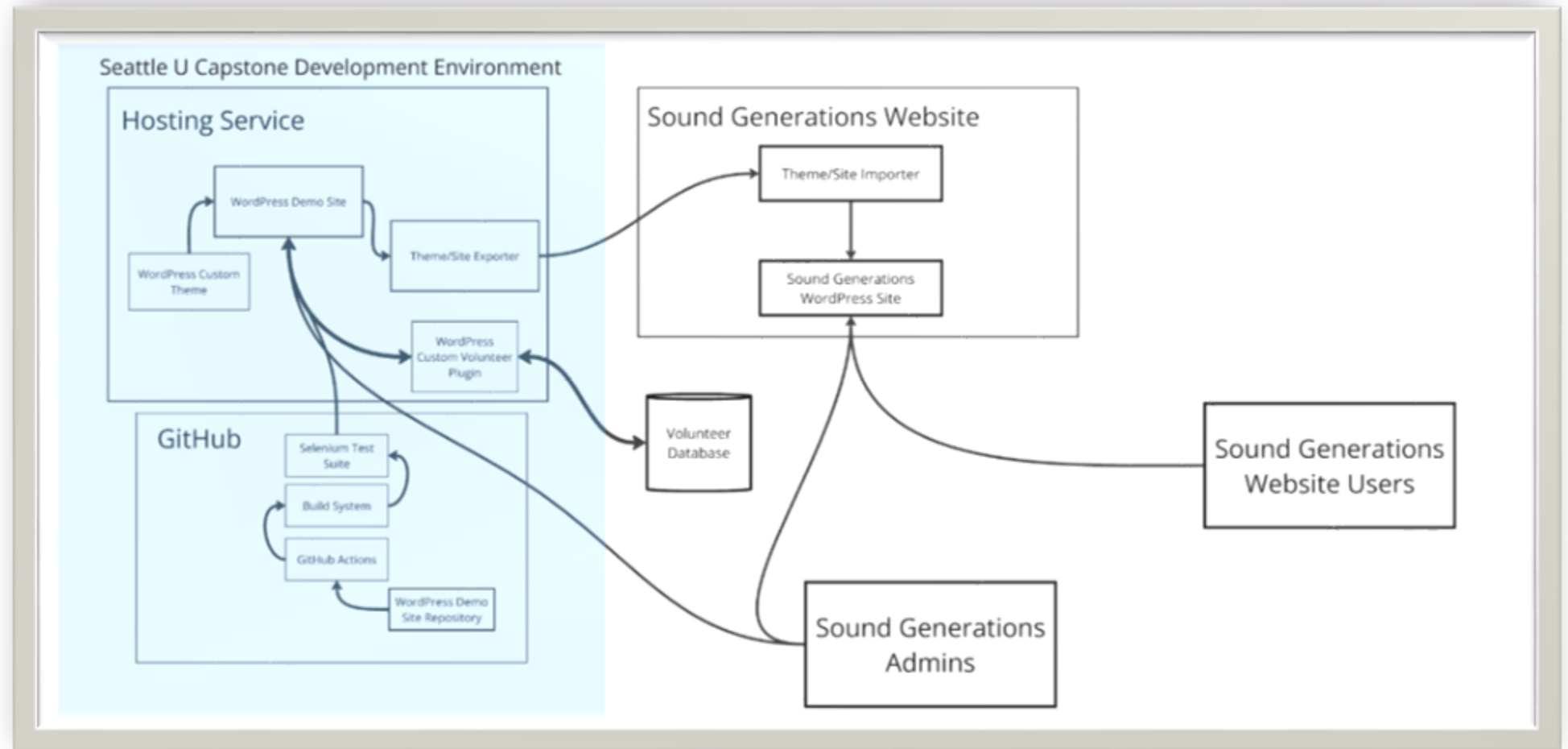




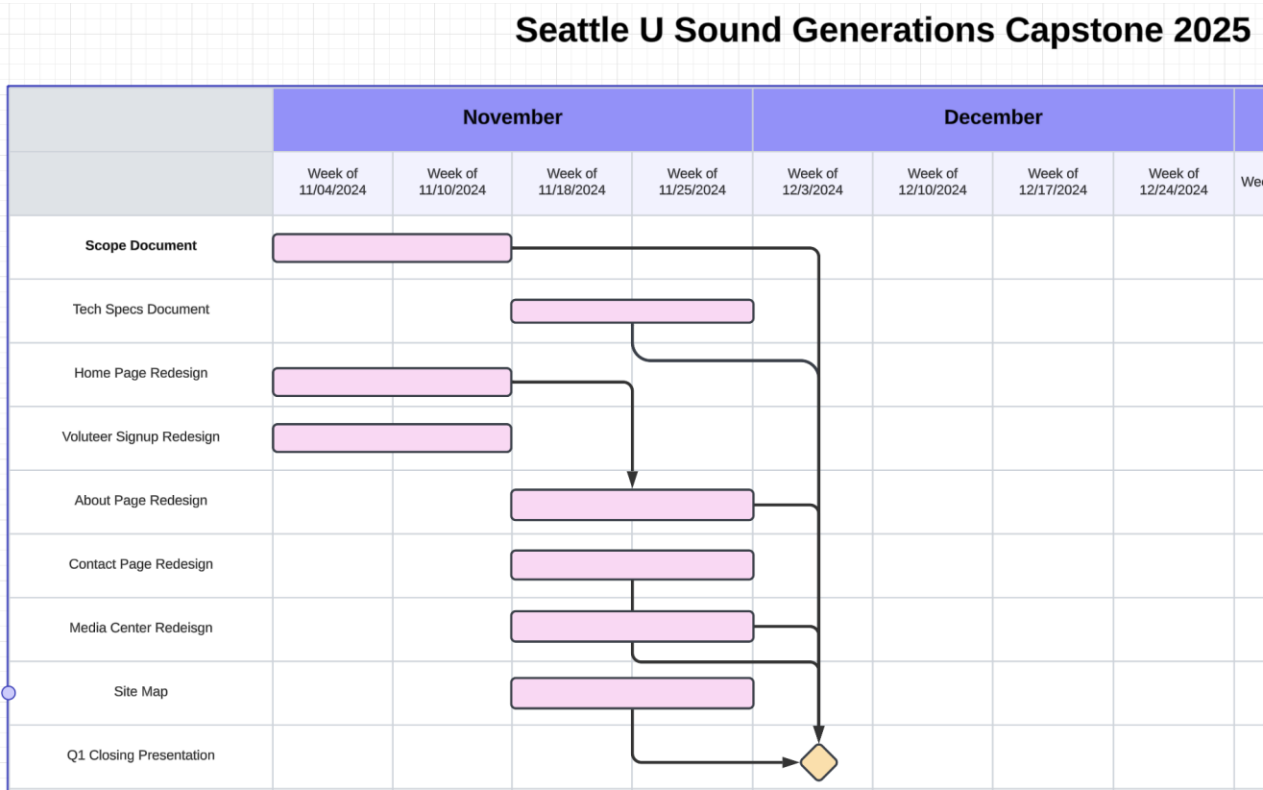
# Technology



# Architecture



# Project Plan & Progress Tracking



Add epic / SG-39

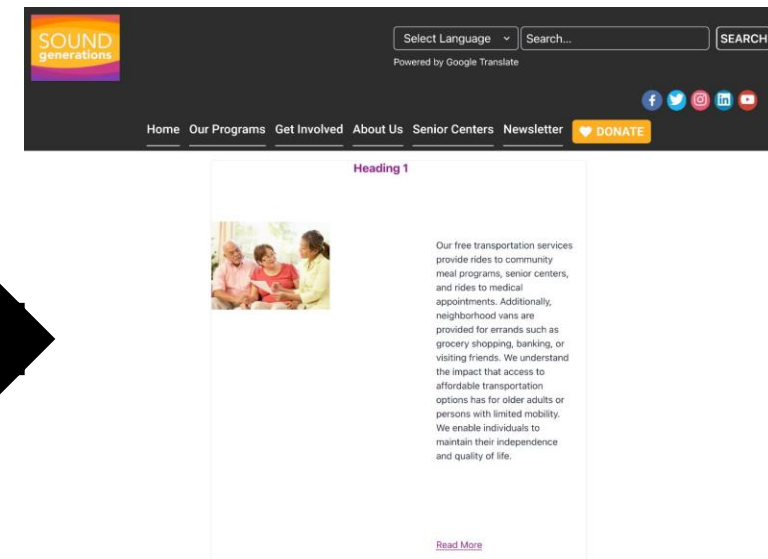
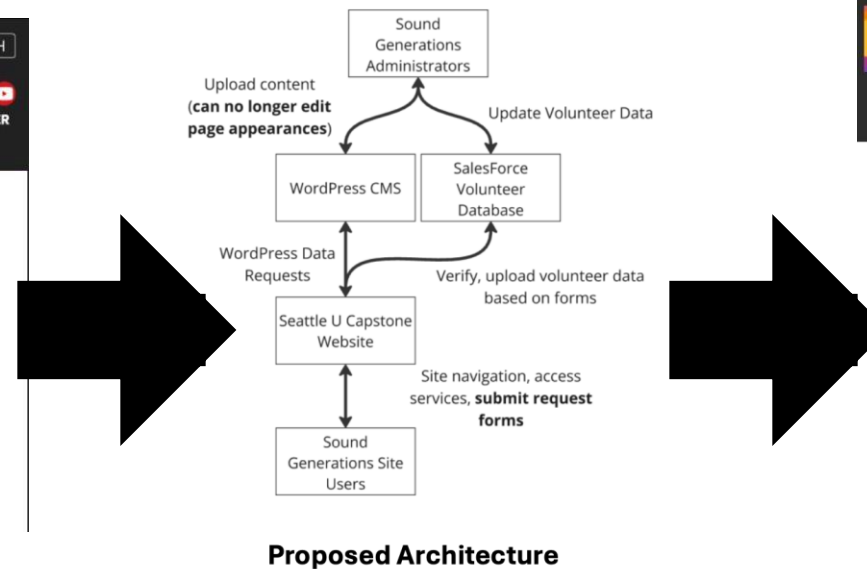
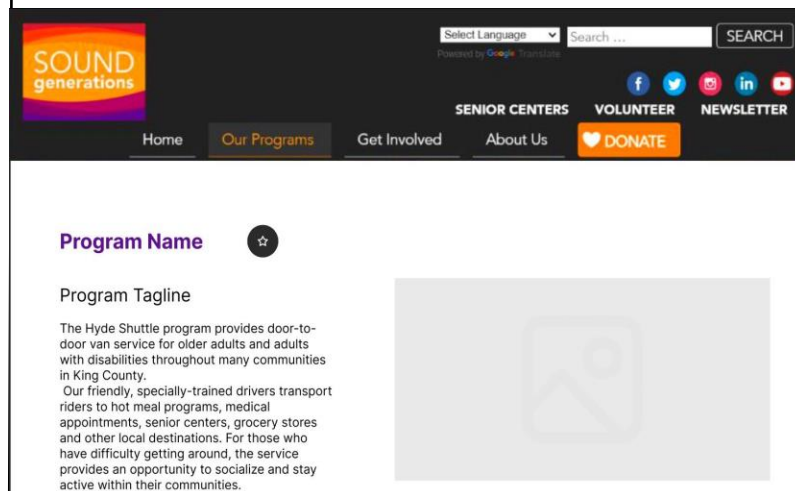
As an older adult who wants to stay informed about upcoming events, I can subscribe to the Sound Generations e-Newsletter so that I can stay in the loop on what Sound Generations is planning next.

+ Add

Description

Add a description...

# New Page Redesigns



# NEXT.JS

# Second Approach

Re: Requests from Seattle U Students



Scott Marlow <scott@marlowfive-0.com>  
To: Aaron Jin  
Cc: Aedan McCall; Anthony Ngo



Reply



Reply All



Forward



Wed 10/30/2024 10:48 AM

If there are problems with how this message is displayed, click here to view it in a web browser.

Aaron -

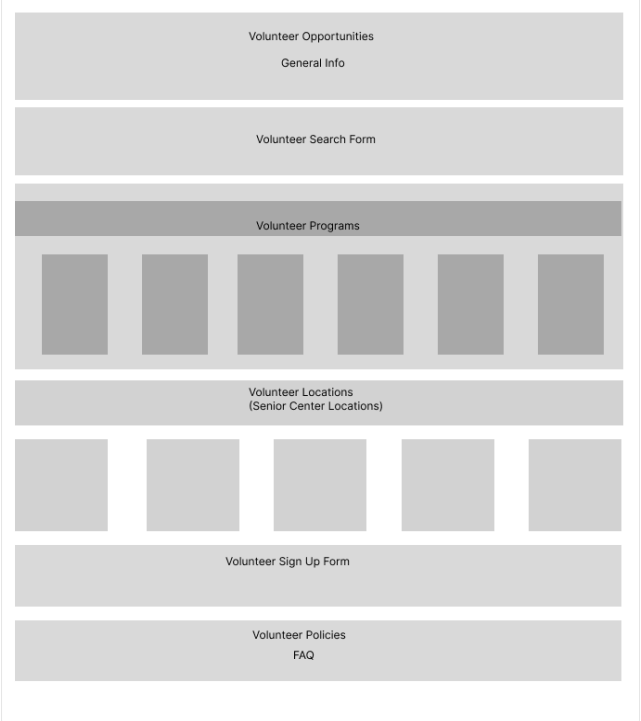
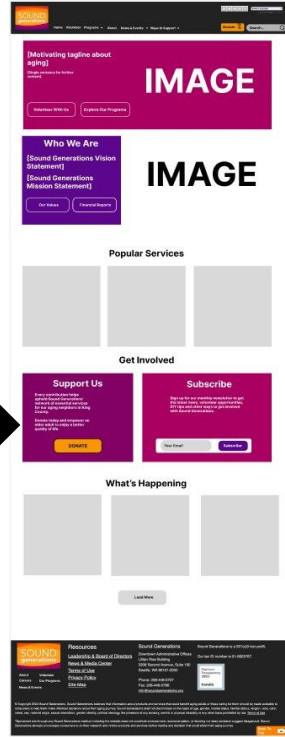
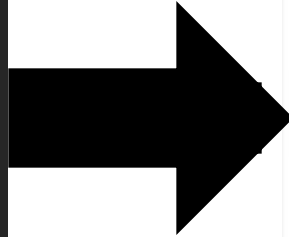
I added you as an Admin to the test site:  
<https://test.soundgenerations.org/wp-admin/>  
<https://test.soundgenerations.org/site-style-guide/>

For Plugins - could the Seattle U team simply send the Plugin(s) they'd like to demo? ... because I'm nervous setting up novice Word-Press Users as Super Administrators; even Michael Allen, who was experienced with WordPress, made a lot of mistakes installing redundant and unnecessary Plugins.

For reference, there are currently 54 Plugins installed on the Multisite. To minimize maintenance, support, optimize performance, etc. - I generally try to limit the number of Plugins to < 20.

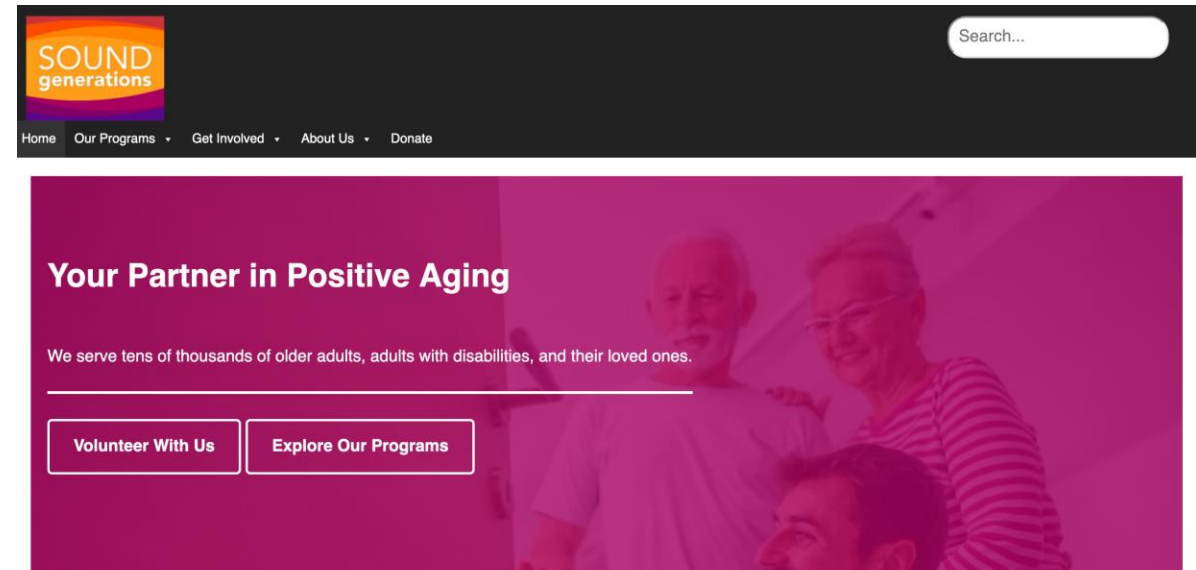
1. 32 Active on [soundgenerations.org](https://soundgenerations.org)
2. 22 Active on Shoreline
3. 21 Active on Ballard
4. 20 Active on SnoValley
5. 19 Active on Lake City Seniors
6. 22 Active on Sandbox Test site

West Seattle ([sc-ws.org](https://sc-ws.org)) is still technically part of the Multi-site installation, but it appears they have changed their domain name and host - so we should probably remove that site from the install.

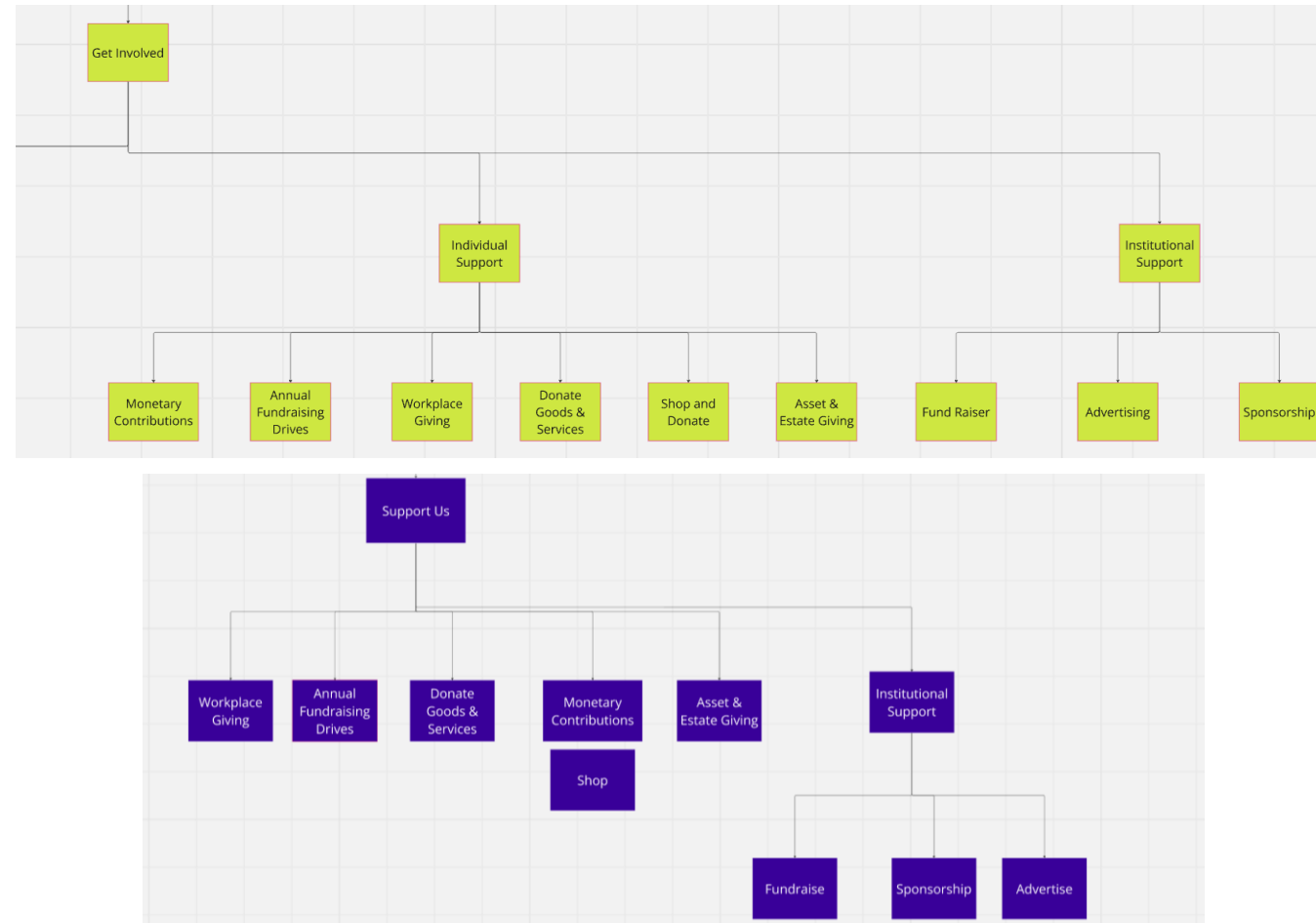


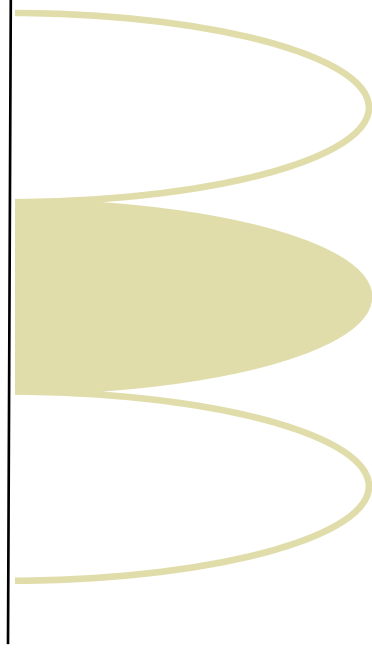
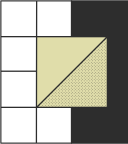
# Current Progress

- Redesigned several core pages
- Built infrastructure for automated updates
  - Infrastructure will facilitate automated testing
- Created project administration materials:
  - Scope document
  - Requirements document
  - Site restructure proposal
  - Project timeline
  - Releases chart



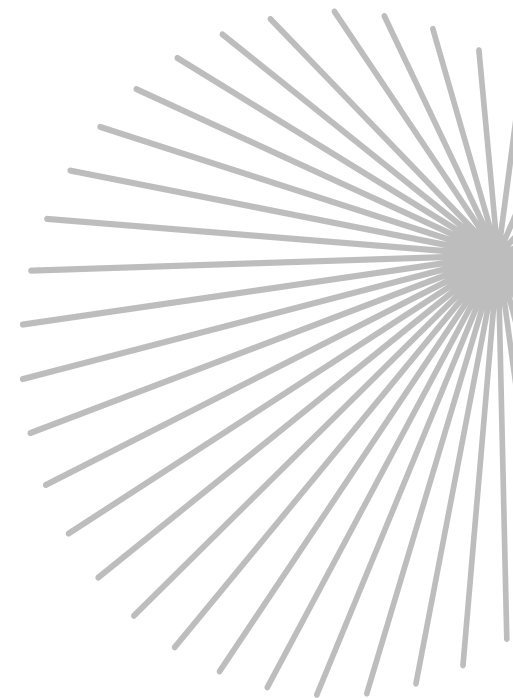
# Restructured Site Sample





# DEMO

Note: demonstration is not final. Issues visible will get addressed in future versions.







Search...

[Home](#) [Our Programs](#) [Get Involved](#) [About Us](#) [Donate](#)

# Your Partner in Positive Aging

We serve tens of thousands of older adults, adults with disabilities, and their loved ones.

[Volunteer With Us](#)

[Explore Our Programs](#)

## Who We Are

We partner with older adults to provide accessible and inclusive services so they can age their way.

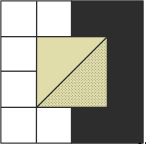
We envision a responsive, multigenerational community that recognizes and





# Moving Forward

- Sound Generations will incorporate some designs into their current site
- Handoff to Scott Marlow
- Potential future capstone handoff



# Future Challenges



## Summary & Lessons Learned

- Redesigned major pages of the website and included google analytics
  - Incorporated new technologies with existing ones
  - Writing documentation can be challenging
  - Communication is key
- 