

Team GAW

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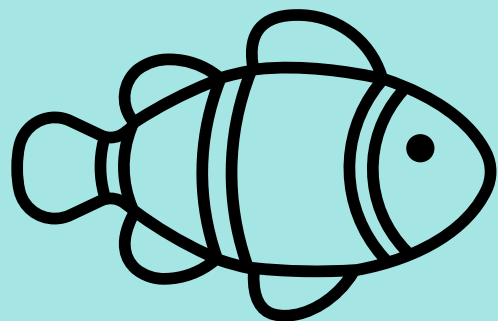
Introduction

Project Statement:

Create a website that fosters interaction from students, teachers, and the local community while also spreading awareness about the Ala Wai Canal.



Background



Timeline of the Ala Wai Canal and Genki Ala Wai

1921-1928

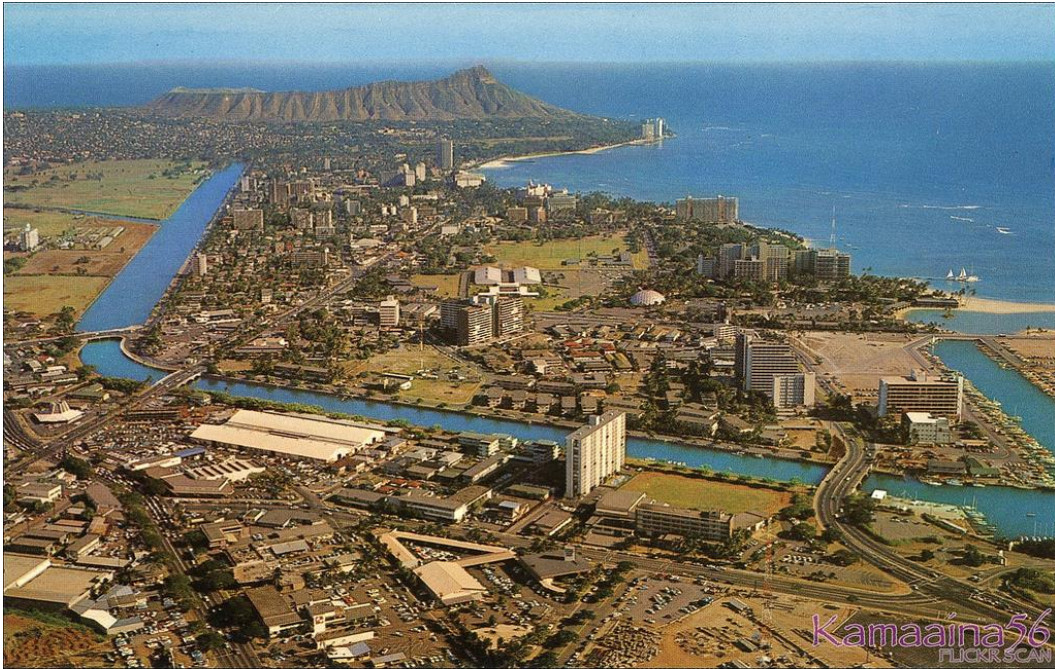
The Ala Wai Canal is built to drain rice paddies for **land reclamation** and **flood mitigation**.

1928 Onwards

The watershed disruption leads to **pollution**. This pollution accumulates into sludge, which decomposes and releases **dangerous gasses**.



Sludge: Accumulated organic material.



2006

48 million gallons of untreated sewage is diverted into the Ala Wai. The idea of using **EM solution** to clean the canal first comes up.

2019

The Genki Ala Wai Project begins under the Hawai'i Exemplary State Foundation, using EM bioremediation to **restore** the Ala Wai Canal.

EM: Effective Microorganisms

2026

Have the Ala Wai Canal be both **fishable** and **swimmable** and serve as a worldwide example of watershed restoration.



About The Genki Ala Wai Project



- Genki Ala Wai was signed into existence on March 19, 2019 - Official start on April 19, 2019
- Joining Dr. Ken Kaneshiro to be a part of the Hawai'i Exemplary State Foundation
- Utilize EM1 Solution and Genki Balls to clean the canal

EM1 Solution: Lactic acid bacteria, yeast, and phototropic bacteria

Genki Balls: Tennis ball-sized and made of clay soil, rice bran, molasses, water, and EM1 solution






Where Our Team Comes In

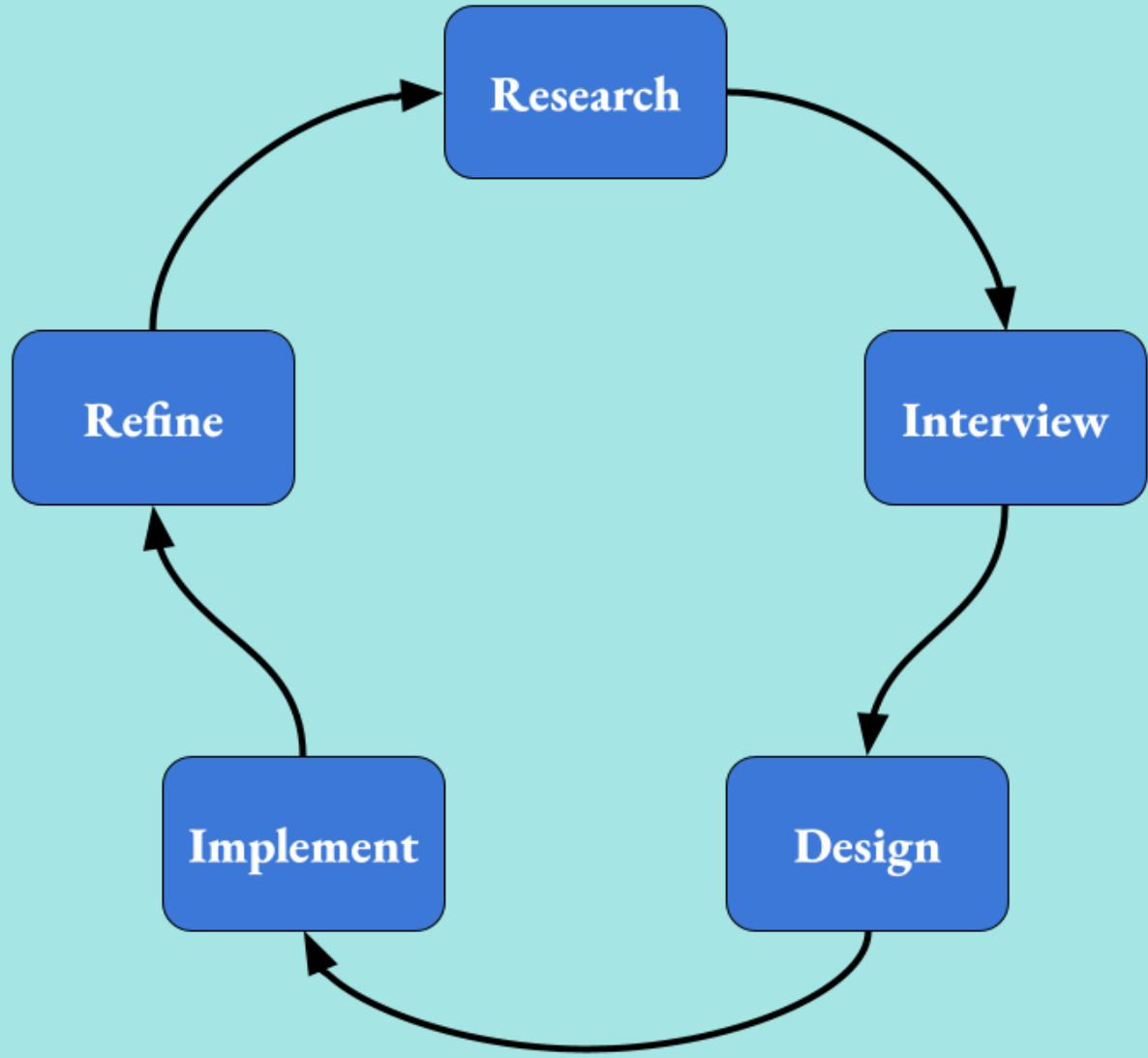
Our deliverables were to:

Deliver a brand-new website that meets the needs of
our sponsor

Create and include important new aspects, such as a
calendar and a donation button

Incorporate educational aspects and emphasize the
community and watershed conservation



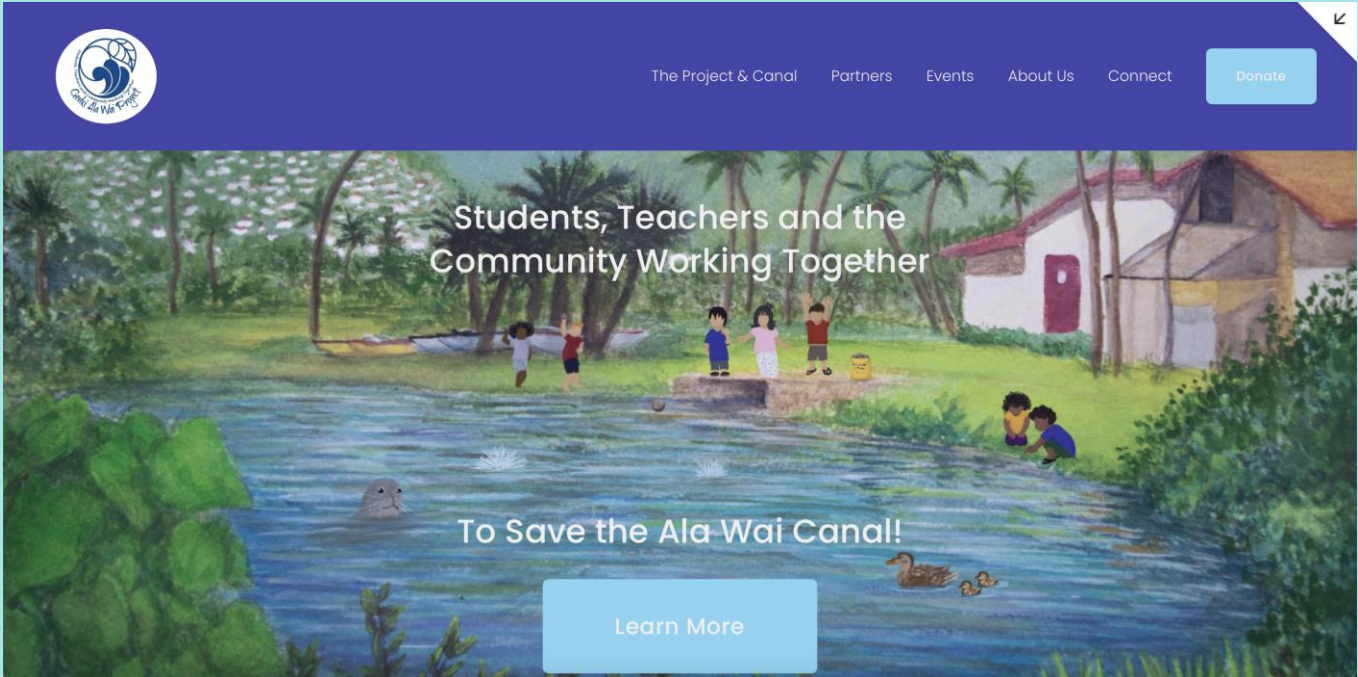


Our Process



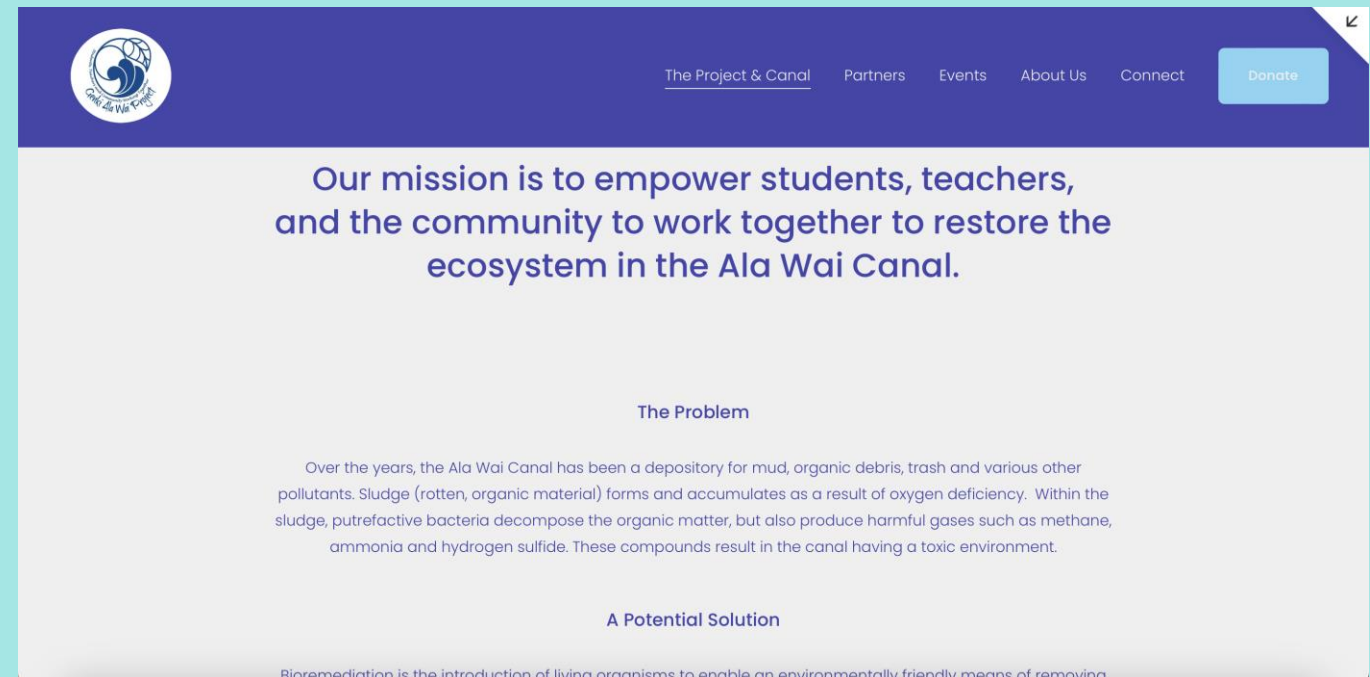
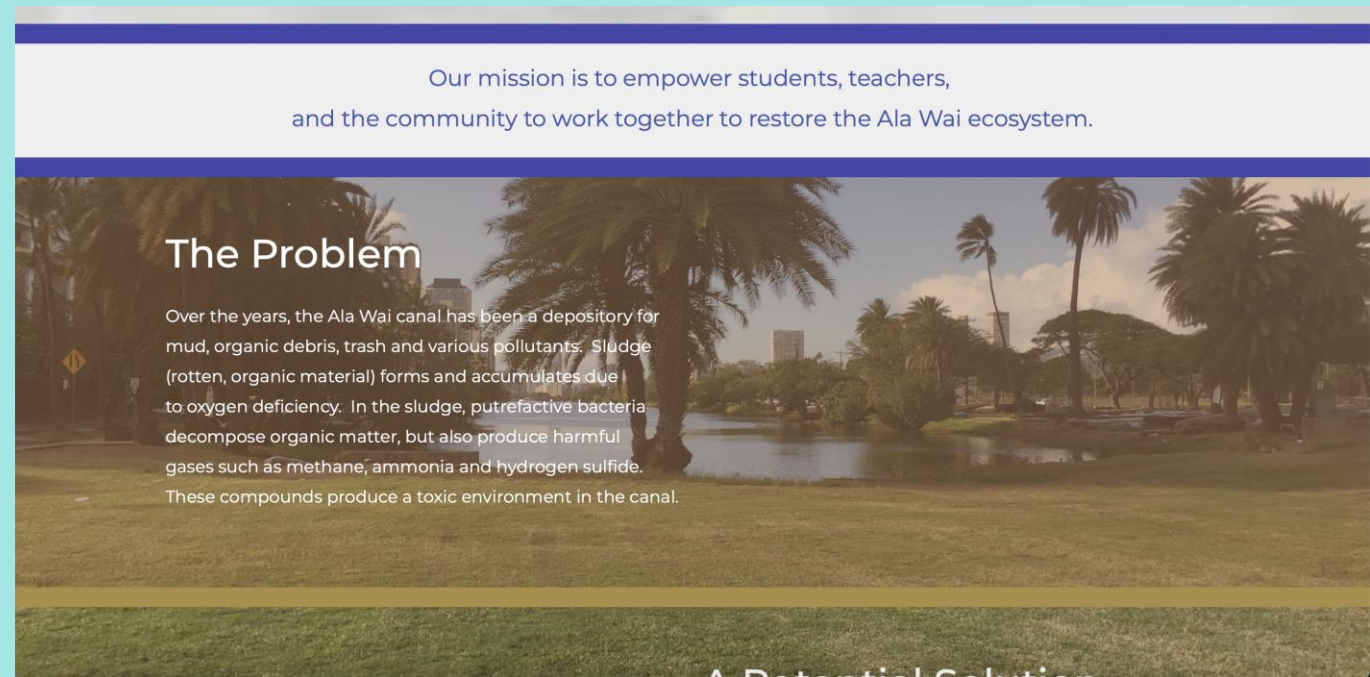
Through bioremediation technology,
we aim to make the Ala Wai Canal fishable and swimmable within seven years.

Recent Community Events



Before &
After Examples

Before & After Examples



Before & After Examples

Community groups and businesses can coordinate with us to make and toss Genki Balls for team building events.



Coordinate Your Group's Genki Ball Toss Event!

- Determine the supplies you need.
- Make Genki Balls with your group.
- Decide on your Genki Ball toss day.
- Take water quality measurements.
- Share data with the community.

Participating Groups and Organizations

A screenshot of the Genki Ball Project website. The header is dark blue with the organization's logo on the left and navigation links: 'The Project & Canal', 'Partners', 'Events', 'About Us', 'Connect', and a 'Donate' button. Below the header, there are two columns of text with corresponding images. The left column says 'Click the "Join an Event" button to join an existing event shown on the calendar.' and has a blue button labeled 'Join an Event!'. The right column says 'Click the "Organize an Event" button to schedule your own event with us in the future!' and has a blue button labeled 'Organize an Event!'. At the bottom, there is a 'SquareSpace Calendar' section with a message: 'Events from one or more calendars could not be shown here because you do not have the permission to view them.' Below this is a calendar for February 2024, showing days from Sun to Sat, with dates 28, 29, 30, 31, Feb 1, 2, and 3.

Join an
Event!

Organize
an Event!

Calendar

SquareSpace Calendar

Today ◀ ▶ February 2024 ▼ Print Week Month Agenda ▼

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	Feb 1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	Mar 1	2
	9am Aliamanu			9am St Andrew		10am Kalaha Nui

Events shown in time zone: Hawaii-Aleutian Standard Time + **Google**Calendar

Donation

Genki Ala Wai Project

1. Your Email

Email

You'll receive receipts and notifications at this email address.


Sign up to receive news and updates.

Continue

2. Your Contribution

3. Payment

4. Review & Donate

 SECURE SSL CHECKOUT

Take Action

Want to help restore the Ala Wai Canal? You can donate or volunteer to our cause.

Volunteer!

Donate!



Genki Ball Counter

Genki Ball Count ~ Genki Ball Count

108,691

Out of 300,000 as of February 8th, 2024



Recommendations

- Changing Domain to "genkialawai.org"
- Adding "News" or "Media" Page
- Photo Hashtag "#GenkiHou"
- Events "FAQs" page

Expanding on the “Education” Page

RECOMMENDATIONS

- Currently we have a fish quiz
- Make more quizzes
- Add some informational posters, videos, activities, etc



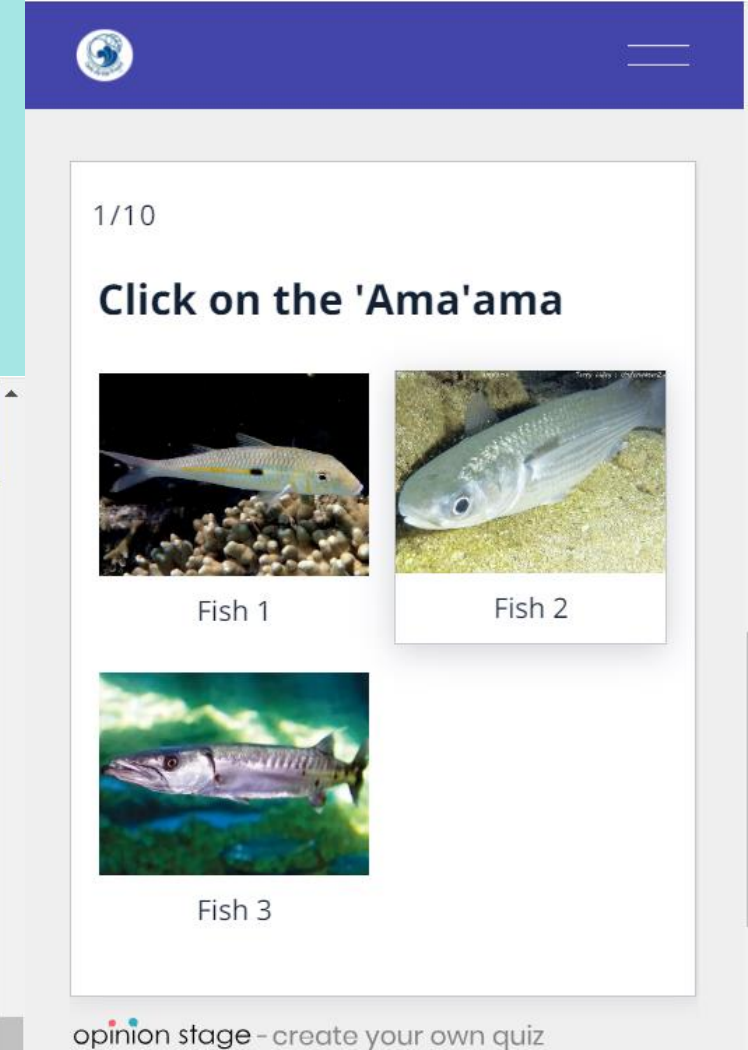
The screenshot shows a webpage with a blue header containing a logo and a menu icon. The main content area has a title "Ocean Creatures in the Ala Wai Canal" and a paragraph of text. Below the text is a photograph of a canal with buildings in the background. At the bottom of the page is a blue button labeled "Start Quiz".

Ocean Creatures in the Ala Wai Canal

There used to be many native ocean wild-life that would roam the Ala Wai Canal. These fish would actively look for food, like crabs, clams, seaweeds and algae, which helps keep the water flowing downstream. So, these creatures are very important to the well being of the canal!




Start Quiz




The screenshot shows a quiz interface with a blue header containing a logo and a menu icon. The main content area has a title "Click on the 'Ama'ama" and three images of fish. Below the images are labels "Fish 1", "Fish 2", and "Fish 3". At the bottom of the page is a blue button labeled "opinion stage - create your own quiz".

1/10


Click on the 'Ama'ama



Fish 1



Fish 2



Fish 3

opinion stage - create your own quiz

Walk Through of the Website



Mahalo!

The Genki Ala Wai
Project