

# ZONTA CLUB NAPLES



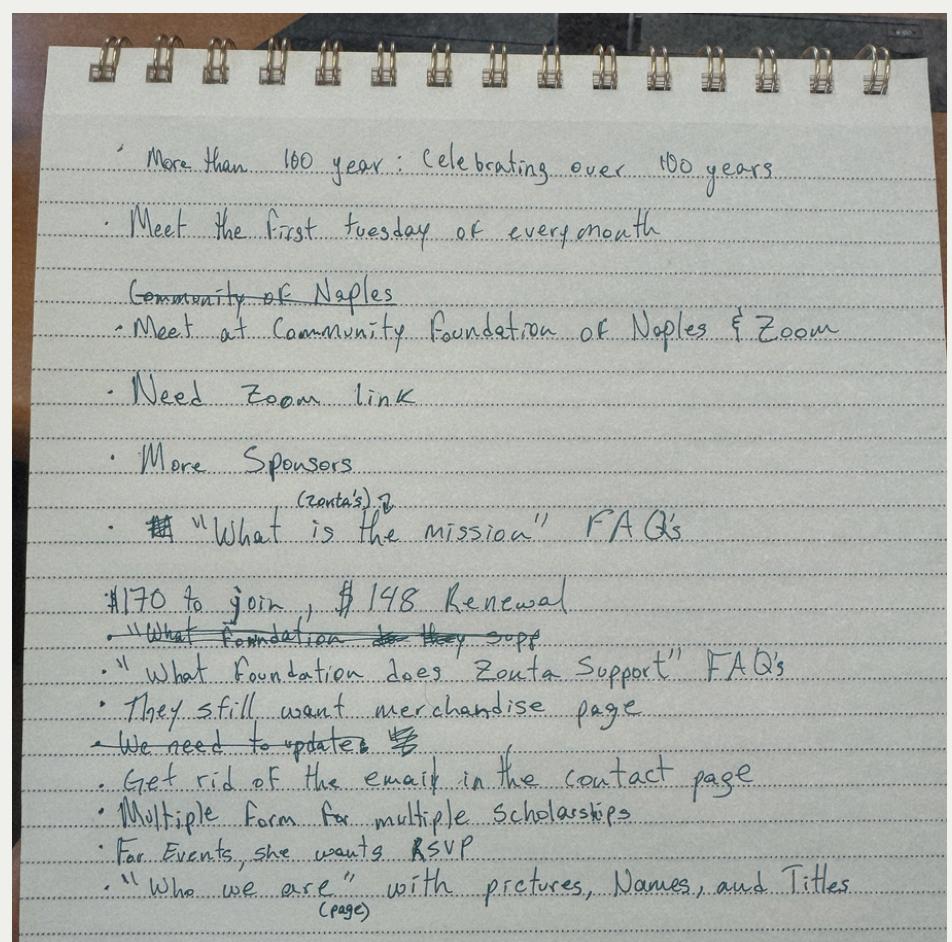
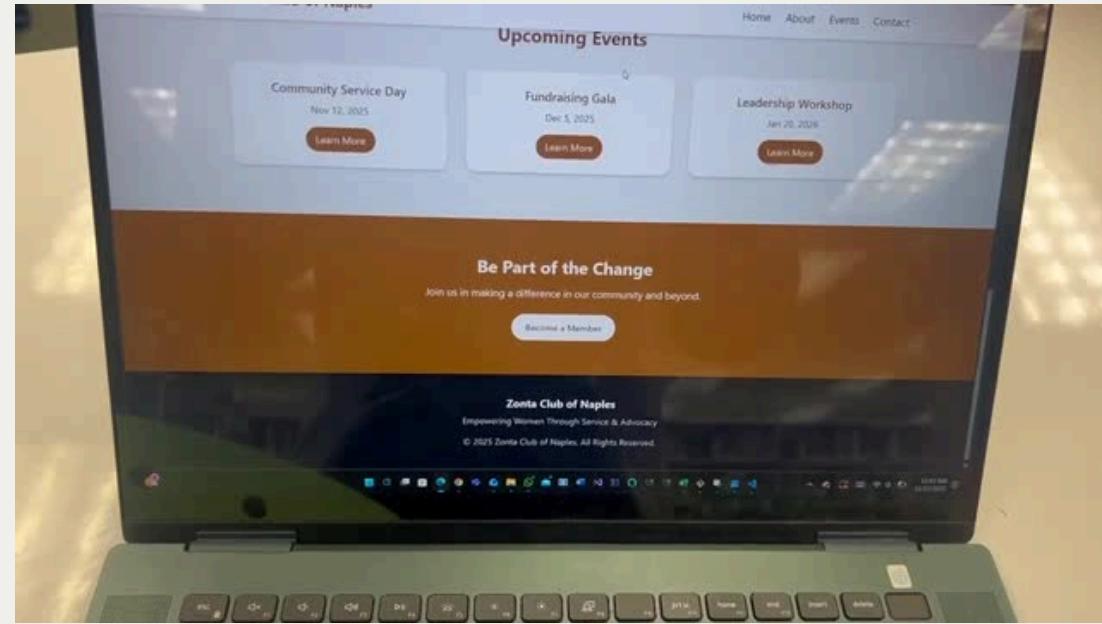
The website features a prominent yellow header bar at the top. On the left is a small white Zonta logo icon. To its right are navigation links: HOME, WHO WE ARE, EVENTS, IMPACT, MEMBERSHIP, SHOP, SCHOLARSHIPS, and CONTACT. The CONTACT link is enclosed in a thin black rectangular border. Below the header is a large, semi-transparent background image of a group of women from the early 1900s. Overlaid on this image is a larger white Zonta logo icon. Below the logo, the club's name is displayed in a large, white, serif font: "Zonta Club of Naples". Underneath the name is a tagline in a slightly smaller serif font: "Empowering Women, Changing Lives". A short descriptive sentence follows: "Zonta Club of Naples is dedicated to advancing the status of women through service and advocacy." At the bottom of the page, there are two call-to-action buttons: a white button with the text "Join Us" and a dark green button with the text "Donate".

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# OUTLINE

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# THE OBJECTIVE



We began by analyzing the requirements given by the Zonta Club of Naples, and immediately began work on an SRS document. From here, we began work on the backend, allowing us to use a Rapid Prototyping Model, which we chose, due to its ability to allow for rapid feedback.

We showed some of these artifacts to the Zonta Club, in order to solicit feedback, which is shown here. This would prove to greatly help us throughout our development process.

Below were all of the necessary core artifacts that needed to be implemented:

**Content Display Function-** Display mission, history, leadership, and general organizational information. (frontend)

**Event Management Function-** Show upcoming events, past events, and event details. (backend)

**Donation Function-** Allow users to make online donations through a payment provider, as well as the ability to pay dues. (backend, Stripe API)

**Admin Content Management Function-** Authorized users can create, edit, and delete site content. (backend)

# FRONTEND TOUR

Our frontend consists of the following components:

1. A Home Page
2. A “Who We Are” Page
3. An Events Page, which connects to our backend via an API. These Events can be set by an administrator.
4. A membership application form, which sends a completed form via our API to an administrator.
5. A Scholarship Page
6. An Impact Page

Throughout our development, we created reusable React components, so as to allow for maximally clean and modular code, so as to maximize maintenance, an important part of the software development life-cycle.



The screenshot shows the homepage of the Zonta Club of Naples website. The header features a large, stylized 'Z' logo in white on a gold background. Below the logo, the text "Join Zonta Club of Naples" is displayed in a white sans-serif font. A subtext line reads "Become part of a global network of professionals empowering women and girls through service and advocacy." The main content area is enclosed in a white rounded rectangle. On the left side of this area, there is a vertical list of four benefits, each preceded by a yellow square icon containing a checkmark. The benefits are: "Professional Networking" (Connect with like-minded professionals in your community), "Leadership Development" (Grow your skills through committee work and leadership roles), and "Service Projects" (Make a direct impact through local and international service). On the right side, the heading "Why Join Zonta?" is followed by three additional benefits: "Advocacy Work" (Advocate for women's rights and gender equality), "Global Community" (Join 28,000+ members in 61 countries worldwide), and "Scholarship Support" (Help provide educational opportunities for women and girls).

**Join Zonta Club of Naples**

Become part of a global network of professionals empowering women and girls through service and advocacy.

**Why Join Zonta?**

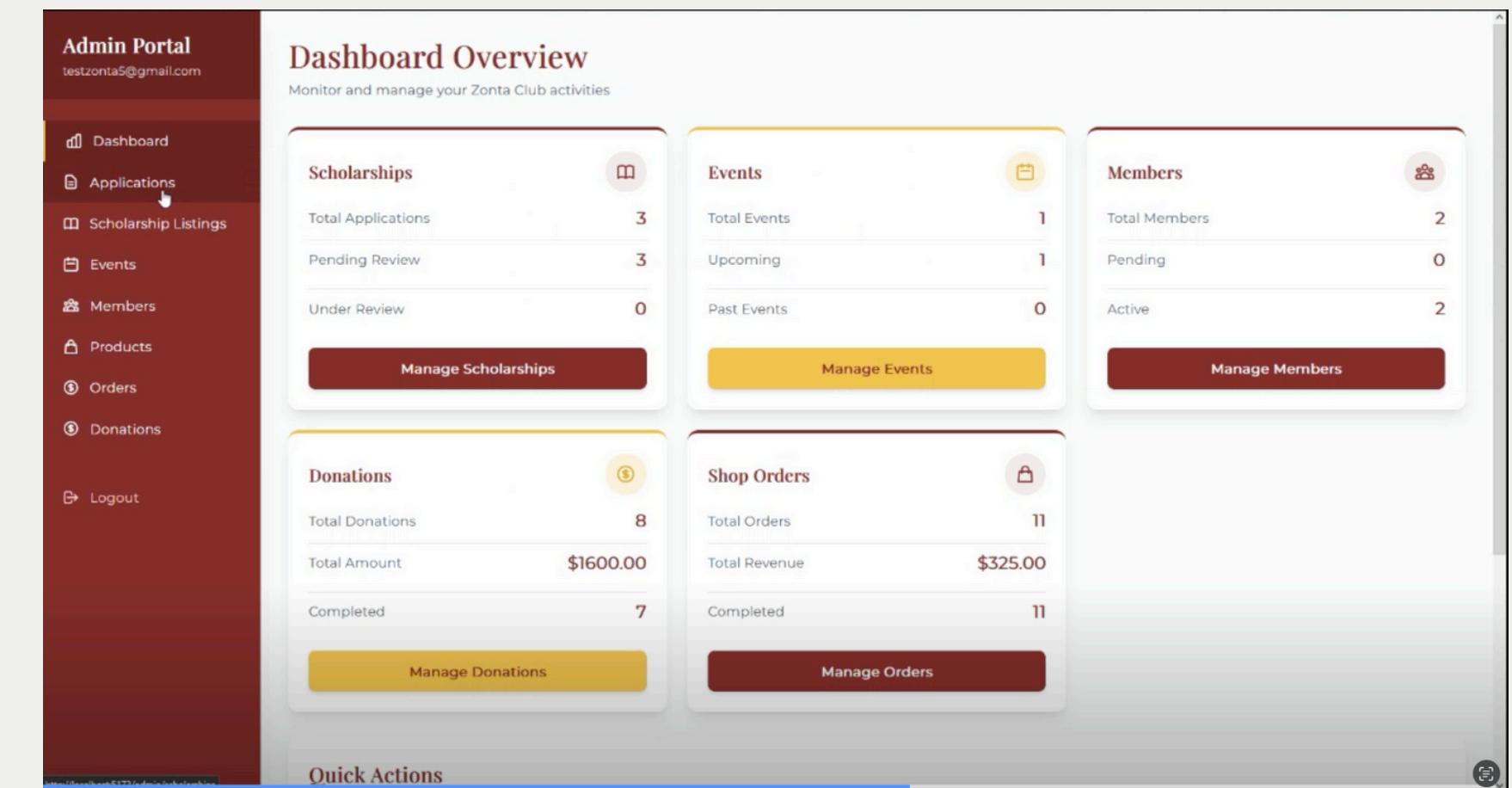
- Professional Networking**  
Connect with like-minded professionals in your community
- Leadership Development**  
Grow your skills through committee work and leadership roles
- Service Projects**  
Make a direct impact through local and international service
- Advocacy Work**  
Advocate for women's rights and gender equality
- Global Community**  
Join 28,000+ members in 61 countries worldwide
- Scholarship Support**  
Help provide educational opportunities for women and girls

# API TOUR

All elements of the website that are not static can be easily edited at the helm of an administrator, including storefront products, fulfilling orders, accepting scholarships, analyzing donations, adding members, and scheduling events.

For this, we needed a API system that would effectively allow for this to occur. Our backend, which used Express JS, offered an API, which our frontend connected to get this non-static data. Furthermore, however, our backend needed to query another API, so as to allow for the processing of payment information. It was here that we used Stripe's API as an intermediary between our backend and Stripe's payment processor.

We also used Cloudinary to manage the uploading and processing of documents, like scholarship applications.



# BACKEND

For the backend, we used Express JS, which allows us to work with various sources of variable data, from scholarship applications, to donations. We processed this data, such that the frontend-based admin interface is as easy to use as possible. It loads:

- all scholarships
- all events
- all members
- donation stats
- order stats

APPLICANT	EMAIL	STATUS	DOCUMENTS	SUBMITTED	ACTIONS
T Testing User	awesomedog1738@gmail.com	PENDING	1 files	Nov 26, 2025	<a href="#">View Details &gt;</a>
T Test User	velazquezbrian5776@gmail.com	PENDING	1 files	Nov 26, 2025	<a href="#">View Details &gt;</a>
E Editable PDF	bvelazquez5785@eagle.fgcu.edu	PENDING	1 files	Nov 24, 2025	<a href="#">View Details &gt;</a>

For our payment processor, we needed to ensure that, in addition to using APIs to contact Stripe's servers, that Stripe could also contact us. We used what is known as a webhook to facilitate this. Webhooks guarantee our system knows when payments succeed.

# VIDEO DEMO

The screenshot shows a web browser window with multiple tabs open. The active tab displays the website for the Zonta Club of Naples. The header includes a logo, navigation links for HOME, WHO WE ARE, EVENTS, IMPACT, MEMBERSHIP, SHOP, SCHOLARSHIPS, and CONTACT, and a search bar. The main content area features a large group photograph of many women, likely members of the club. Below the photo is a text block: "Education has remained a cornerstone. Through scholarships and awards, Zonta encourages academic achievement and leadership—unlocking new possibilities for recipients and the communities they serve. Locally, Naples members sponsor initiatives that connect learning to opportunity, with an emphasis on long-term success." At the bottom of the page, there is a smaller, partially visible image.

# WHAT WERE WE ABLE TO DELIVER?

We were able to effectively deliver a website that was within the requirements of the Zonta Club, that is, we addressed their major issues with their current website, which are as such:

- Aesthetics, necessitating the redevelopment of the Zonta's Naples website.
- Inconvenient administrative backend for content updates, blog posts, event handling, and membership information.
- Possibly integrate donation capabilities, newsletter subscription, and other dynamic content.

We effectively converted these into requirements, and turned these requirements into a detailed analysis. Furthermore, elements such as the "Who We Are" page would not have been possible, had we not adopted a rapid prototyping model, so as to effectively elicit feedback.

## What would we do next time?

In future iterations, we hope to add more sources of dynamic content, including a newsletter, a search function, and the ability for members to log in and access special member-only information, such as event locations, as currently, only admins can log in.

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# THANK YOU!