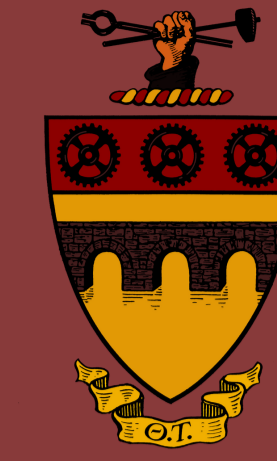


Student Organization Website Creation

Creating and maintaining a website for our professional engineering fraternity and helping other organizations in website development



Introduction

Background

The professional engineering fraternity, Theta Tau Theta Gamma, relies heavily on its website for its external communication with other fraternities, alumni, and the general public. However, the website has lacked both design and functionality in recent years. There is no documentation on the current website to improve upon its state, so our honors capstone project is to help our fraternity completely recreate and maintain its website. We don't believe this to be an isolated incidence with Theta Tau, either. Therefore, we want to help other organizations across campus in creating and maintaining a website as well.

Methods

Website creating can be split up into several responsibilities; market research, design, coding, and documentation. We divided these duties amongst the three of us to successfully implement a website with features desired by our brothers.

Challenges

The biggest challenge we anticipated to overcome is understanding how to make our website sustainable for the future. This required a large amount of overlap of design, understanding users, technical skills, and communication.

Results and Significance

- Gauge brother's interest on website necessity and features through our market research
- Designed, coded, and launched the website accordingly
- Completed documentation and taught others how to maintain the website to avoid outsourcing another company to do so
- Created a handbook for future generations to access and edit the website for maintenance
- Created the website with a straightforward, organized structure that will allow brothers to easily maintain the site
- Held workshops to educate other student organizations on website creation

Our Process



Acknowledgements

We want to thank many individuals for making this capstone possible for us. First, to our advisor Mike Barger for supporting us throughout the semester and helping us view our capstone as a broader, more impactful project as opposed to only a website. Next, to the Engineering Honors staff for supporting us for the past three years and inspiring us to complete a meaningful capstone. Finally, to our Theta Tau brothers for contributing their thoughts and dedicating time to help us with this capstone.

