Small Business Quoting Website

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Description

The website is for a small concrete business to display their work and expand business opportunities. The website is able to accept requests for quotes, record the quote information in a database, and send a notification email when a request for quote is submitted.



Features

- CRUD Application that captures and displays quote information
- Utilizes nodemailer module to send email
- Integrated Google Maps API for map view



Planning - User Stories

A customer is looking for a company to pour concrete for their project. They find the Hulstein concrete website and are able to see what this company is capable of. They then decided they want to get in contact and can see the contact info, or they are able to easily submit a request for quote for their project



Planning - Database

There is a quote table in the database that captures all of the potential customer's information (name, email, phone number, address of the project, additional comments). This information is then easily accessible to the concrete company's owner for review and follow up.



Technology Stack

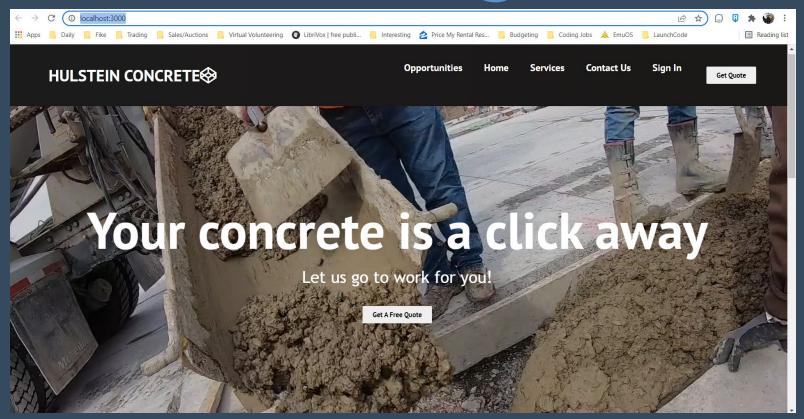
- Language: JavaScript, HTML, CSS
- Visual Studio Code
- Framework: Express
- Database engine: MySQL
- Other libraries or components: React, Axios, nodemailer



Demo

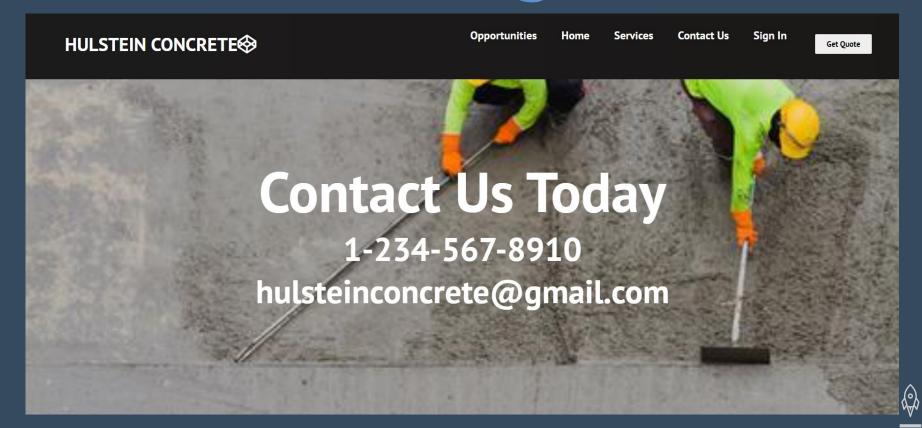


Main/Home Page



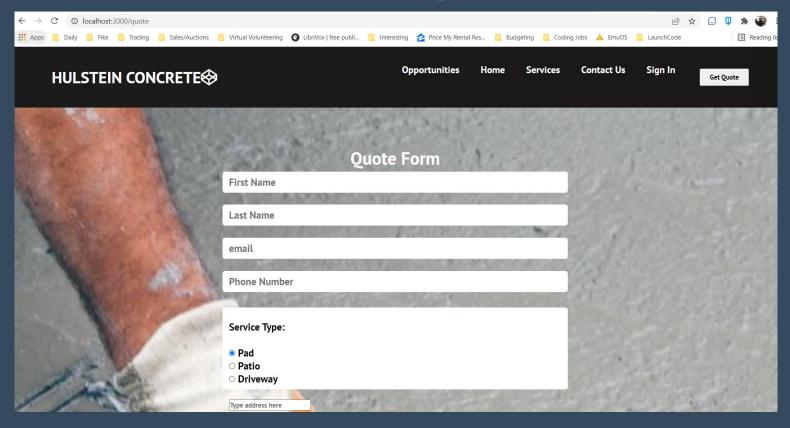


Contact Us Page

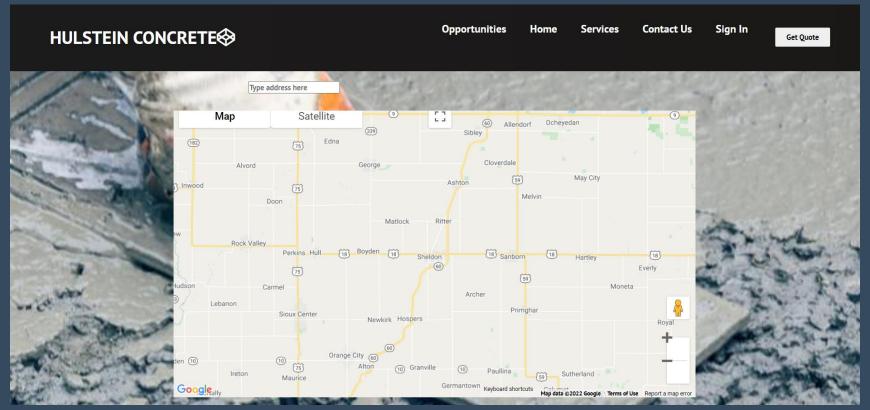


The quote page is where most of the work has been done to date. Creating the form, implementing the MySQL database, and working with Google Maps API has been fascinating to learn and apply to this React website. The quote form takes the customer's quote information and stores it in a MySQL database. It also sends an email to notify the owner of the request for quote.

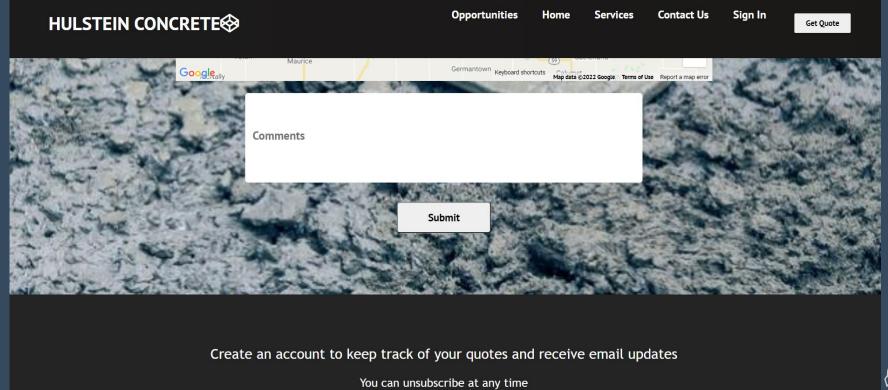












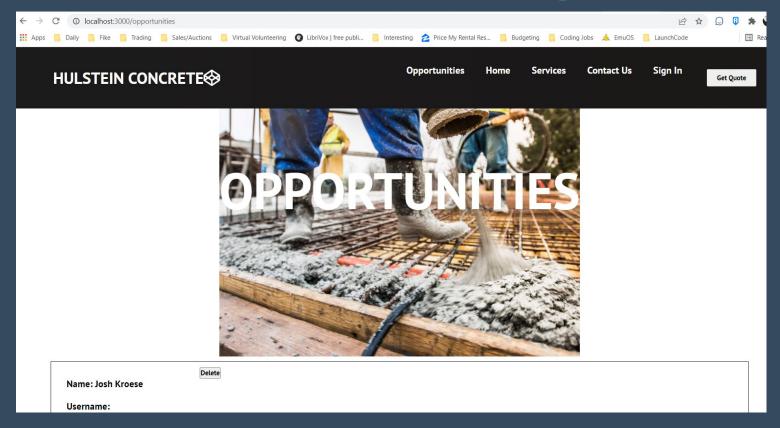


Opportunities Page

The opportunities page is able to retrieve and display the quote information that is currently in the MySQL database. The user is also able to delete particular quotes from the database from this page. In the future, the plan is to have a sign in/authentication that will also allow the opportunities page to only display the quotes that are relevant to the particular user.

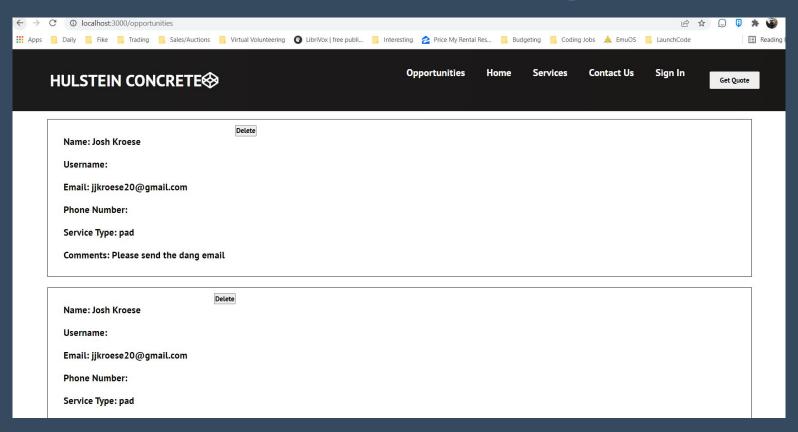


Opportunities Page





Opportunities Page



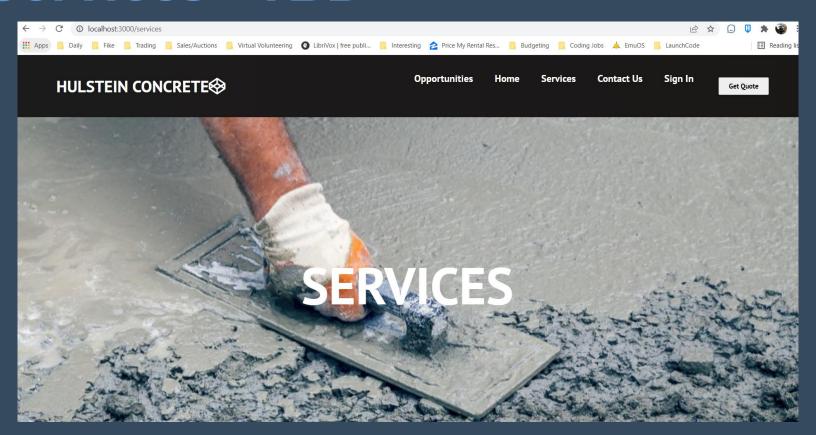


Services, Footer, & Sign In Page - TBD

The Services and Sign In pages are not completed yet. The footer is set up but the links are not connected yet. There are plans to show all of the services that the company has available with pictures of the work they have done. Also there are plans to maintain a sign in which will show the customer/owner the quotes applicable to them only



Services - TBD





Footer - TBD

Create an account to keep track of your quotes and receive email updates

You can unsubscribe at any time

Your Email

Subscribe

About Us	Contact Us	Social Medi
Our Services	Contact Info	Instagram
Testimonials	Email Us	Facebook
Terms of Service	Get a Quote	Youtube



Hulstein Concrete @ 2022











What I Learned

- New library: React
- New technique: connecting to Google Maps API



What's Next

- Implement a login feature with Google Authentication
- Add input authentication to confirm the quote form is receiving good data
- Clean up views and confirm dynamic changes are scaling the website views correctly

