



Company background

Founded in 2014 by Spence Campbell, Infinity Concrete began as a specialist in custom residential foundation and site work. In 2022, Sean McGarity partnered with Spence to expand the company's capabilities, introducing commercial concrete construction services. Together, they transformed Infinity Concrete into a growing turnkey concrete contractor, offering comprehensive solutions for both residential and commercial projects throughout Texas.

Infinity is committed to innovation and technology-driven solutions. Our goal is to modernize an industry that has traditionally lagged in adopting digital tools, by implementing cutting-edge applications that streamline construction processes and increase operational efficiency.

Bid Dashboard Background

We currently maintain a SQL database that stores information related to our open bids, including details like the general contractor, type of work, project value, and bid status. We're looking for a team to develop a front-end UI that connects to this database and presents the data in a clear, user-friendly way.

The dashboard should include interactive features that allow users to filter, modify, and view the data from different perspectives. For example, a pie chart showing the percentage of wins vs. losses, or a graph displaying the number of bids submitted each month. It should also include detailed views for individual records and the ability to navigate the data efficiently.

We're thinking of using React for the front end but are open to other frameworks if preferred. We'll provide diagrams showing what we expect the interface to look like, along with more context about how we want to use and interact with the data.

Desired Skillset

- Front-end development experience
- API Integration
- Real-time notifications and status updates
- Data analysis and organization
- Adaptable students willing to research and learn applicable skills to the project

Project specifics: Excel, React.js, RESTful APIs

Preferred Team Size

We recommend a team of 3 to 5 students to ensure sufficient collaboration.

Location Expectation

All work and collaboration for this project can be done remotely. The Infinity team, based in New Braunfels, Texas, will provide support and regular feedback via virtual meetings and online communication tools.