
Objectives and approach

- Provide real world, industry standard project experiences for Computer Science and Informatics students at UL
- Structure is loose - we encourage students to be challenged with a business outcome but students determine the technical solution and approach
- Blended teams that merge CS and Informatics students will mimic project teams in real world business environments
- Create an environment within a specific domain area that is locally or nationally relevant and inspires creativity within student teams
- Introduce students to a consultative approach to leveraging technology to achieve specific organizational outcomes

Sample Project Scenarios

SCENARIO #1

Your client is a **local non-profit in the Lafayette and Acadiana region** and wants to create an interactive web (mobile friendly) application to engage residents in their mission. Design and build an application that educates, engages, and supports fundraising or revenue generation to help make them more sustainable.

SCENARIO #2

Your client is a **growing U.S. retailer that has prioritized building a new loyalty program** as a strategic initiative for 2023. Design and build an application that helps them achieve this by exploring ways to drive market adoption and increase customer engagement using gamification.

SCENARIO #3

Your client is a **federal, state, or local government agency that wants to increase citizen engagement around their mission** (e.g. Health, Environment, Justice). Design and build an application that drives engagement with the public and increases the insight the agency fields about the people it serves. You can use publicly available data from sources such as [HealthData.gov](https://healthdata.gov/), [USASpending.gov](https://usaspending.gov/), [Lafayette Consolidated Government Open Check Book](https://lafayetteconsolidatedgovernmentopencheckbook.com/), [U.S. Environmental Protection Agency](https://www.epa.gov/), [National Archive of Criminal Justice Data](https://www.archives.gov/), and more.