

CIS 9590 Term Project Submission Form: Team 4

Team Members: Sheharyar Jafri, Jason Jiang, Eunjin Jung, Bhim Khatri, Dong Eon Kim

Submit (upload) your final project idea for approval in this assignments area. Remember your working system needs to have:

- A front-end interface for user input and utilize ease of navigation
- It needs a backend database for storing data and performing transactions such as adding a product or editing a product, profiles etc...
- You must also have the ability to query the backend database for information, like showing products and product details, query output, and the ability to run reports.
 - You should show how the end user uses the system (orders a product as an example, or makes a reservation)
 - And how a backend administrator or manager uses the system (runs reports, see sales figures, edits products)

Using the project guidelines document that is posted in course documents, make sure your idea:

- Can meet all the requirements,
- Ensure it is solving a problem or taking advantage of an opportunity,
- Think why a sponsor or manager would fund (approve) this project for you to build.

Project Description:

Introduction:

Joe Schmoe owned a brick and mortar thrift store that sells clothes. Due to a global pandemic drastically decreasing foot traffic - Joe was forced to close his physical store and move everything into storage as he could no longer afford rent.

Joe reached out to our team for help setting up an online presence, and to revive his brand - this time with intentions to go national across the U.S.

Solution:

Our team will help Joe Schmoe revive and digitize his brand by creating a website for clients to navigate, explore, and purchase on the front end - and a database to house inventory, customer data (including accounts), and transactions on the backend. The backend will also allow Joe Schmoe and any authorized personnel to query and generate reports.

Setup:**Front end:**

- Due to limited time and experience we will be using a website builder (Wix).

Back end:

- To house inventories, customer information, transactions, and the ability to query data and generate reports, we will be using Google BigQuery and possibly connect it to our Wix site through Google Analytics.