Deluxe Menu Ordering System

Introduction

- Creation of an ordering system that can be used in restaurants or online food servicing apps

- Displays a menu which can be interacted with in order to find a description of the item including its contents, ingredients, etc.

- The system will calculate the total of all the items including tax. It will also have an option to save the customer's order for easier access in the future

TGG Inc.

- Date
  - November 7, 2020
- Project Name
  - Deluxe Menu Ordering System
- Members
  - Vincent Ha
  - Michael Lin
  - Rich Berger
  - Manning Smith

Purpose

- To create an easy to use ordering system that can be applied across multiple industries.
- Can be used in areas other than the food industry
  - Ordering various items from online shops or other retail stores.
- The program should be interchangeable for any product.
- May not be innovative or new, but we believe it would be useful for business owners who are trying to reach an online market.
- Nowadays, most things are done through the internet
  - An online ordering system used in person or online through the internet would be useful to up and coming restaurants or retail stores.

Audience

- Towards those who are ordering from a menu for the sake of convenience or personal preference

- Age Range - Teens to Elders

- Anyone is is visually and audibly impaired would not be able to use the system

Platform

- Run on most smartphones, tablets, laptops, PCs, and most other electronic devices
  - Example: Large touch screen kiosk
  - Pros: Skip the long line, do not have to navigate store
- Graphics and text to display items, however, it will not be graphically intense and demanding on the system
  - Devices will not require high specs and memory storage

Team Dynamic

Group meetings held through **GroupMe**
- Two Times a Week: Monday at 7:30 p.m. and Friday 4:00 p.m.

Work divided into four interchangeable segments
- Rich
  - Work on the back end, making sure the menu is functional
- Michael
  - Work on the front end, making the menu look visually appealing
- Manning
  - Make sure the order can be saved after it is filled out
- Vincent
  - Developing the method to total cost of the items and the "My Cart" feature function
  - In charge of scheduling, making sure we are all available to work at the same time

UML (Facade Design Pattern)