Pizza Order and Delivery Web-application

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Project introduction

In my study and my career, I mainly focus on web-application development. Therefore, I decided to optimize the former web-application development class project.

This project is a course project when I took the CS50 online course provide by Harvard University. It is a web application for handling a pizza restaurant's online orders. Currently, I implemented functions including allowing users to browse the restaurant's menu, add items to their cart, and allowing restaurant owners to update items on the menu via Django admin. But there are still many aspects to be optimized.

## Current project code and demo

Project repository in my GitHub: https://github.com/YJZFlora/Pizza-Order-Application
Heroku deployment: https://flora-pizza.herokuapp.com/

Goals and timeline

1. Optimize the front-end UI design.   Week 1(Jan. 19) ~ Week 4 (Feb. 14)

Currently, the website UI design is simple and ugly. I am going to optimize the layout by adding images, changing background, rearrange elements using Bootstrap, etc.
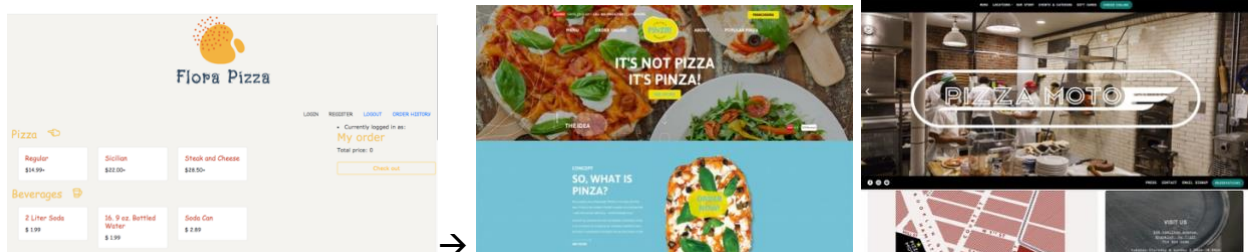
from current simple website UI (left) → better website UI like these examples (right)

2. Use React to refactor the code of JavaScript.   Week 5(Feb. 15) ~ Week 9 (Mar. 21)
Currently, the app is developed with raw HTML and JavaScript code, which includes many duplicated code. I am now taking Udemy course "React - The Complete Guide" to learn React. So, I am going to use React to refactor the code of JavaScript, making the code more modularized.

3. Add dynamic functions.   Week 10(Mar. 22) ~ Week 15 (May. 2)
- Allowing site administrators to mark orders as complete and allowing users to see the status of their pending or completed orders.
- Integrating with the Stripe API to allow users to actually use a credit card to make a purchase during checkout
- Supporting sending users a confirmation email once their purchase is complete.
- Integrating Google Map API to show the address of the pizza store location.

Techniques: Python, Django, HTML, CSS, JavaScript, React