DATE: September 30, 2020

TO: Steve Sharpe

FROM: Gochuico Airene, Kaur Arjinder, Taehyung Kim, Group 2

SUBJECT: Draft Design of Pizza Website

**Overview**

This document is a draft design document for the 20F LAMP1 class pizza website project. This document is written on the functional and non-functional requirements based on the project instruction document, the list of web pages that require project production, and the connection method of each page.

**The Goal of Pizza website**

The website should be created to deal with customers’ order non face-to-face at the pizza store. Customers should be able to order pizza and choose the delivery method on this website.

**Requirements**

Non-functional

* Payment for ordered pizza is made only in cash
* The material inventory management of pizza is operated on other system. In other words, the function of marking pizza that is out of stock and cannot be made is not supported.
* Taxes add 13% to pizza's price and delivery charge.
* The delivery fee is fixed at $5.
* Use PHP and MySQL

Functional

* There are pickup and delivery methods.
* Customers should be able to choose pizza or make their own pizza by choosing toppings and doughs.
* Recognize the customer by their email address.
* Provides promotion code functionality.
* As a function for employees, create a page that displays a list of pizzas they need to make and enters the progress.
* Progress is divided into 'order reception', 'topping', 'oven', and 'ready to pick up/delivery'.
* Cookies are used as a way to check if the customer has ordered before.

**The List of Web Site** (*italics* – not mentioned in the project instructions added from our group)

Customer’s side

* index.php – the main page, check the cookie
* navigationMenu.php – It is always located at the top of a web page and provides a menu of website so that customer can navigate to other pages
* orderPizza.php – Customer can choose or customize a pizza, also customer can order several pizzas at once.
* userInformation.php - The customer's e-mail and address can be created.
* orderSummary.php – Customer can review the customer’s order just before the order is confirmed.
* previousOrder.php – Customer can check their past orders and reorder them.
* *checkStatus.php* – Customer can check the progress of ordered pizza.

Employees’ side

* *monitoring.php* - Employees can check the customer's order in the kitchen and check/update the progress.
* *admin.php* - can add or remove new pizzas and toppings.

System’s side

* common.php - Files used by the website to access the database.

**Development initiative**

* Use bootstrap to reduce the time spent writing designs and forms.
* For non-face-to-face development environment of group members, Azure Cloud will be utilized: <http://104.215.84.239/>
* The phpMyAdmin program is used for easy database management.
* For the safe operating environment, the sanitize filter of php is actively used.

**Draft Flow Chart**

![Diagram

Description automatically generated]()