

**VIETNAM NATIONAL UNIVERSITY HO CHI MINH CITY**

**UNIVERSITY OF SCIENCE  
FACULTY OF INFORMATION TECHNOLOGY**



# **PROJECT ASSIGNMENT 0**

Course: Introduction to Software Engineering

**Under The Guidance Of:**

Lecturer: Dr. Nguyen Minh Huy

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## 1. Group information:

GROUP 08			
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## 2. Project type: Web application

## 3. Name of the website: Tasty Tongue

## 4. Introduction:

- Our group's plan is to create a website for managing a restaurant called Tasty Tongue and its dishes, alongside with the customers' feedbacks and other informations about the food and the restaurant. Customers can also reserve a table in advance through the website or social media platforms.
- Reasons on why it is worthy for us to do:
  - Food is a familiar topic, and everyone loves food.
  - Lots of online resources.
  - It has a promising future since food-reviews are certainly popular in recent years.
- We are inspired by these websites and mobile applications: ShoppeFood, Baemin, Kichi-Kichi, Yutang.

## 4. Actors (type of users):

- Customers.
- Managers.
- Administrator.

## 5. Target users:

- Passionate about food and fond of going to restaurants.
- Knowing how to look for information on a website.

## 6. Target environments:

- Web application.
- Coding languages:
  - Back-end and Database: PHP, MySQL.
  - Front-end: HTML, CSS, JavaScript (Bootstrap).
- Browsers that customers can use: Microsoft Edge, Google Chrome, Cốc Cốc.

## 7. Features (expected):

### - Customers (logged-in):

1. *View the online menu:* Show the restaurant's full menu with descriptions, prices, and pictures of the dishes. This helps customers see the menu and decide before going to the restaurant.
2. *Online reservation:* Provides online reservation, allowing customers to choose the specific time and the number of people coming to reserve a table in advance.

3. *Search function*: Allows customers to search for a specific dish or item by keyword or category.
  4. *View restaurant information*: Display information about address, phone number, opening hours, and maps for easy access to customers.
  5. *Evaluation and Comments function*: Allow customers to evaluate and write comments on the restaurant's service or on a specific dish.
  6. *View promotions*: Display special promotions, discounts, and incentives to attract customers.
  7. *Login function*: Allows users to create accounts, log in, and manage their personal information.
  8. *Blog or news*: Provide information about restaurants, food articles, recipes, and upcoming events.
  9. *Contact and support*: Provide contact information, route charts, and a section so that customers can send questions or responses.
  10. *Language selection*: Provides language translation to help customers speak different languages.
- **Staffs: (same capabilities as customers but can do more)**
    1. *Order management*: Have the restaurant's staff manage, view orders and confirm them.
    2. *Table reservation notification*: Send a notification to the customer to confirm the table order.
    3. *Order's details change function*: Allows customers to change their order before confirming.
    4. *Custom ordering function*: Allows employees to take note of a customized dish requirement, such as requiring additional seasoning or changing ingredients.
    5. *Update the state of the dish*: available or not.
  - **Administrator (same capabilities as staffs but can do more):**
    1. *Classification of dishes*: Classification of dishes by category, type, or special processing (e.g., menu for vegetarians).
    2. *Menu adjustment*: Edit, add or delete information about any dishes .
    3. *Web adjustment in general*: Make changes to any parts of the website including promotions, contact information, news, and any related stuff.
    4. *Setting up a management account*: Create accounts for staffs and allow them to login and manage store information, menus.
- 8. Link to other resources:**
- Drive:  
<https://drive.google.com/drive/folders/1S5fjD3MgNEEOvESsPC3pwMcXu4DjExun?usp=sharing>