

# **Testy Bites**

## **Food Ordering Website Design Report**

BSc (Hons) Software Engineering

Batch 5



Nirasha Hansani Jayamanna.

St20284500

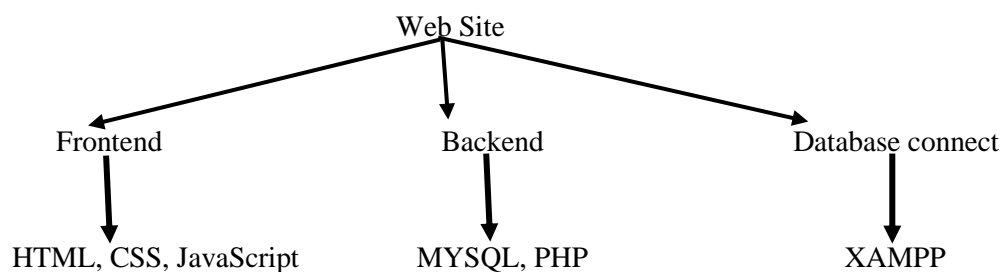
## Content

1. Introduction
2. Content of System
  1. Database Design
  2. First Page
    - 2.1. Manu Page
  3. Customer Form
    - 3.1. Register Page
    - 3.2. Login Page
  4. Home Page
    - 4.1. Home Page
    - 4.2. About Page
    - 4.3. Contact Page
    - 4.4. Order Page
      - 4.4.1. Shopping Cart
      - 4.4.2. Checkout Page
  5. Admin Form
    - 5.1. Admin Login Page
  6. Admin Dashboard
    - 6.1. Manage Admin
    - 6.2. Manage Food
    - 6.3. Manage Users
    - 6.4. Manage Orders
  7. Logout Button
  8. Sitemap

## Introduction

Food Ordering System is a comprehensive software addressed to improve restaurant experience regarding ordering time, offering a friendly experience for both customers and workers. It permits to customers to register in the system, take their preferences and old orders in order to get a personalized system that adapts to their tastes. The program assigned an identificatory to each item in the menu, as well as to each of the staff and the clients. It permitted keeping the data about clients, menu and staff and allow to customers a level of cyclicity regarding the menu. They can ask for the order storage status and use filters to search previously registered menu items. It permits only the access to the system for registered users who has to validate their entry by using a user name and a password. This request requires a validation by the admin who is the only person with the right to entry and to manage data in the system. Data is stored securely and processing is done faster and accurately. The system offers integrated experience by offering a simple process of order participating and get them orders delivered very fast.

The tools and techniques I used are PHP, JavaScript, XAMPP, MYSQL, CSS and HTML.



## 2. Content Of System

### 1. Database Design

food ordering system uses database design to efficiently store and manage user accounts, menu items, and customer orders, ensuring performance, integrity, and scalability for seamless and dependable functioning, satisfying administrators and customers.

The database design used here is admin table,user table,food table and orders tabale.

#### Admin Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 adminID	int(5)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/>	2 name	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	3 email	varchar(50)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	4 password	varchar(8)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More

#### User Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 first_name	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	2 last_name	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	3 email	varchar(40)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	4 password	varchar(10)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	5 userID	int(5)			No	None		AUTO_INCREMENT	Change  Drop  More

#### Food Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 itemID	int(5)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/>	2 itemName	varchar(40)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	3 description	mediumtext	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	4 Price	varchar(20)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	5 imageURL	varchar(40)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More
<input type="checkbox"/>	6 featured	varchar(5)	utf8mb4_general_ci		Yes	NULL			Change  Drop  More

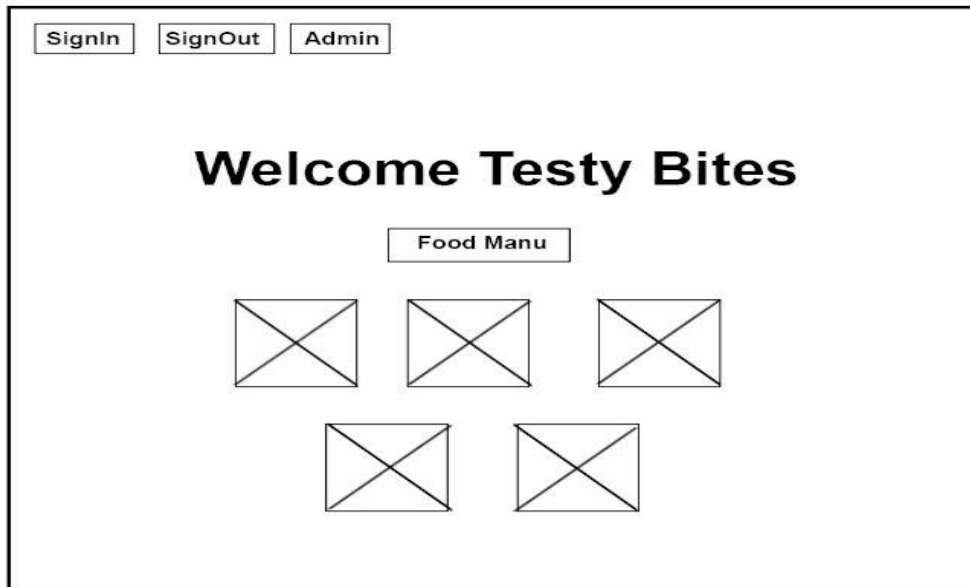
#### Orders Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 orderID	int(5)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/>	2 u_name	varchar(40)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	3 u_number	varchar(20)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	4 u_email	varchar(30)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	5 u_address	varchar(50)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	6 total	varchar(10)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	7 method	varchar(20)	utf8mb4_general_ci		No	None			Change  Drop  More
<input type="checkbox"/>	8 time	varchar(40)	utf8mb4_general_ci		No	current_timestamp()			Change  Drop  More
<input type="checkbox"/>	9 status	varchar(40)	utf8mb4_general_ci		No	None			Change  Drop  More

## 2 First Page

This is the first page for this Food Ordering System. This page includes the user Sign in, user Sign out, Admin login and food menu buttons.

### First Page Interface



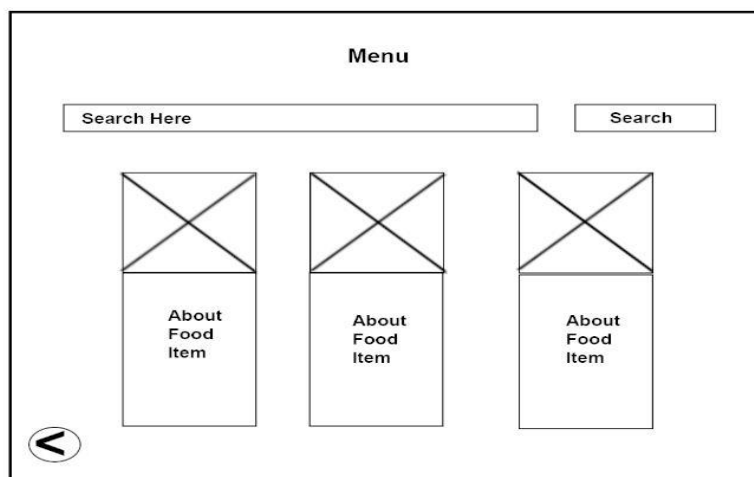
Sign in Button: - User has to click this button to enter to the login page.

Sign Out Button: - Customer has to click this button to enter to the Register page.

Admin Button: - Administer has to click this button to enter to the admin login page.

Food Menu Button: - Customer has to click this button to enter to the food menu page.

### 2.1. Food Menu Page



Before a customer registers, the menu page is important to find(search) out whether the kottu item that the customer is looking for is available.

### 3. Customer Forms

#### 3.1 Customer Registration

**User Registrarion**  
  
**First Name**   
**Last Name**   
**Email**   
**Password**   
  
**Add User**

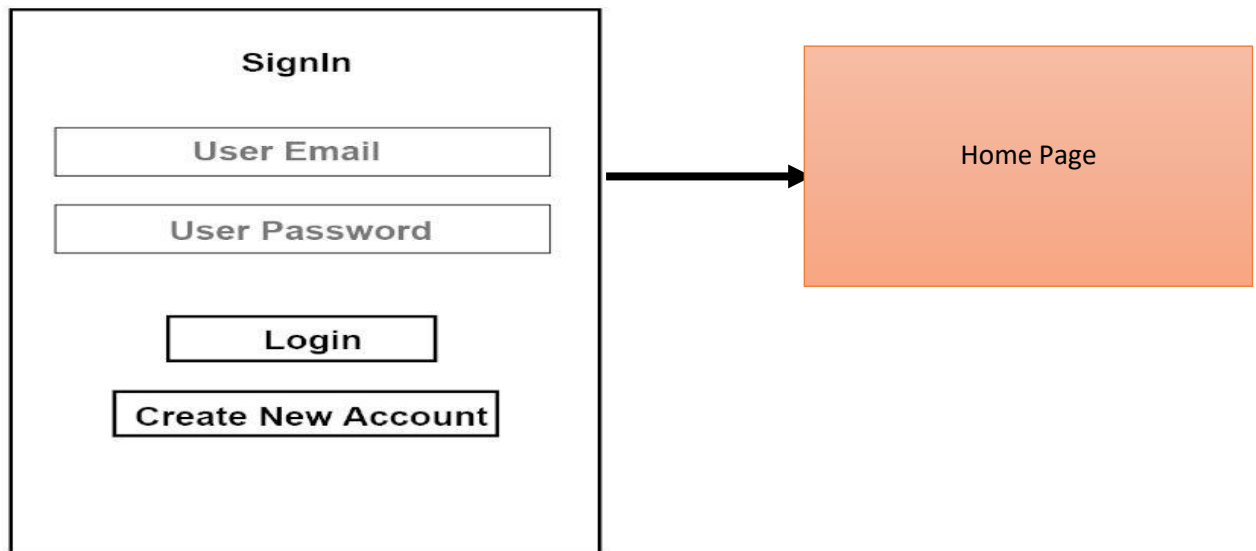
Customers are presented with a registration form where they input their details such as First name, Last name, email address, and password. Their registration details are collected through a registration form. Upon add user button submission of the form and successful validation of the provided information, the system proceeds to create a new record in the users' table. The users table stores information about registered users. It typically includes columns for various user attributes such as user ID, first name, last name, email and password hash.

#### 3.2 Login Page

**SignIn**  
  
  
**User Email**  
  
  
**User Password**  
  
**Login**  
  
**Create New Account**

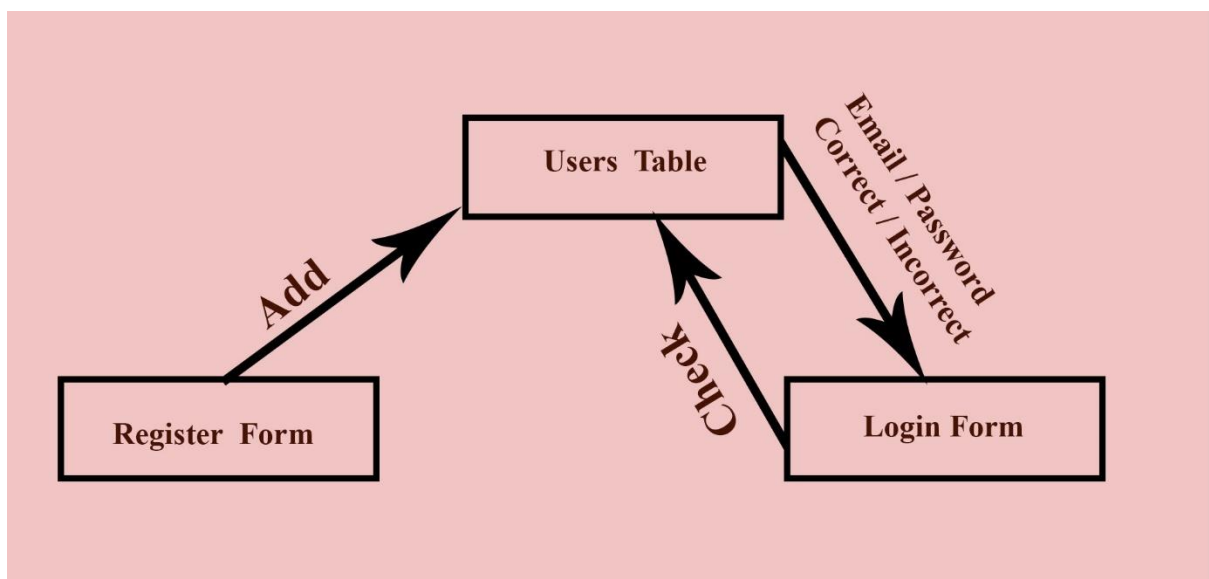
This page is the food ordering system login page. This page includes the login button and Create New Account button. User to input your email and your password.

If the user enters the correct email and password, enter to the home page.



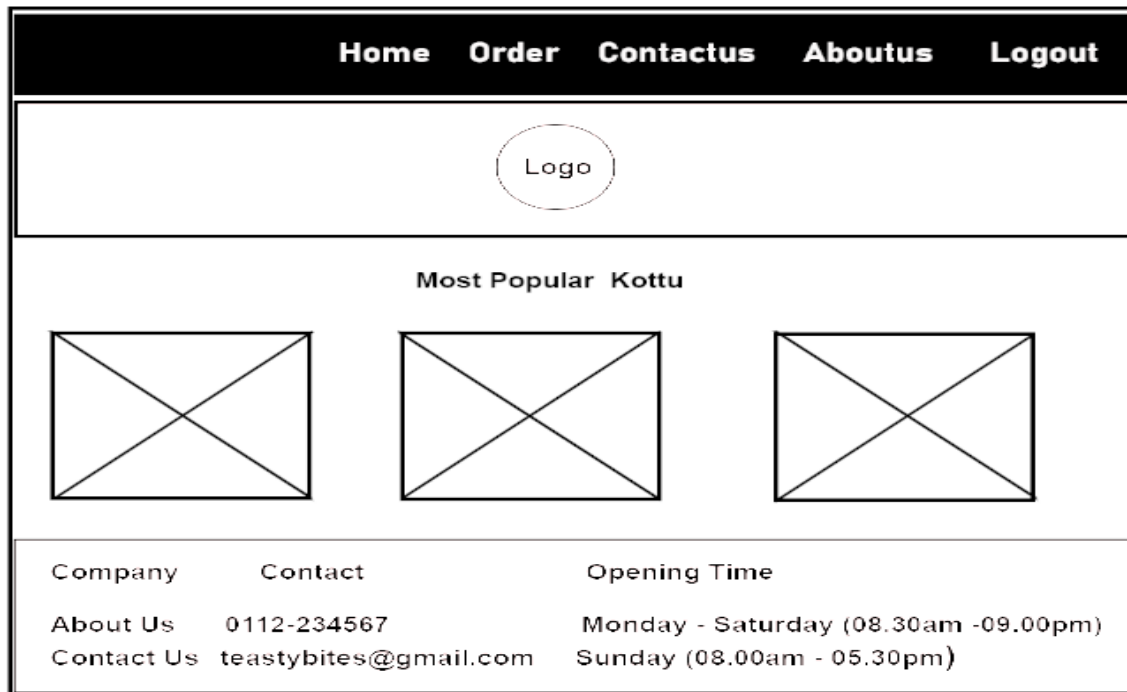
If email and password is invalid, then the system will be generated an error message with text of “Invalid email or password”.

Connection between login page, registration page and users' table



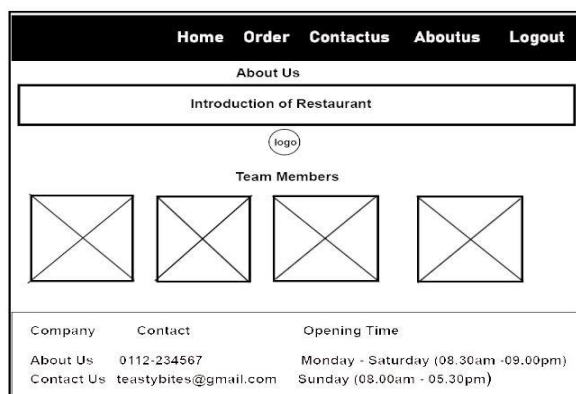
#### 4. Home Page

##### 4.1 Home Page



The home page of this food ordering system. This page includes the navigation bar and others. The navigation bar includes the home, Order, About Us, Contact Us and Logout tool bar. User has to click one of home tool to enter to that page. User has to click one of Order tool to enter to the order page. User has to click one of About Us tool to enter to the about us page. User has to click one of Contact us tool to enter to the Contact us page.

##### 4.2 About Us Page



This page above is the page that explain about the restaurant, restaurant logo and restaurant team members(chefs).



### 4.3. Contact Us Page

**Home Order Contactus Aboutus Logout**

Contact Us

**Contact Details**

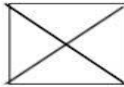
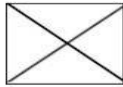
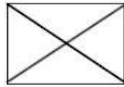
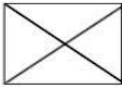
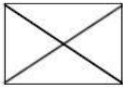
Company	Contact	Opening Time
About Us	0112-234567	Monday - Saturday (08.30am -09.00pm)
Contact Us	teastybites@gmail.com	Sunday (08.00am - 05.30pm)

This page above is the page that display about the contact number, contact email address, location and restaurant opening days and times.

### 4.4. Order Page

**Home Order Contactus Aboutus Logout**

Order Now



**Shoping Cart Table**

Food Name	Quantity	Price Details (Rs)	Total Price(Rs)	Remove Item
—	—	—	—	Remove item
		All Items Total	—	Checkout

This page displays a list of products with their names and prices. Each product has an "Add to Cart" button associated with it.

#### 4.4.1. Shopping cart Table

The Shopping cart table, including the Food name, Quantity, Price Details, Total, and Remove item. Allow users to update the quantities of items in the cart or remove items altogether. The total price of all items in the cart is calculated and displayed at the bottom. User has to click this button to enter to the checkout page with the total price of all items.

#### 4.4.2. Checkout Page

**Complete Your Order**

Grand Total

Your Name

Your Number

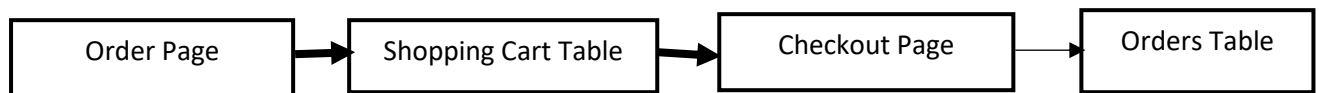
Your Email

Payment Method

Your Address

Order Now

The Checkout Page including the Grand Total (the total price of all items), user's name, user's number, user's email, payment method and user's address. After the user fills this information, click the order now button. The orders table stores information about checkout page with the total price of all items.



### 5. Admin Form

#### 5.1. Admin Login Page

**Admin Login**

Your Email

Your Password

Login

This page is the food ordering system admin login page. This page includes the login button. Administrator to input your email and your password.

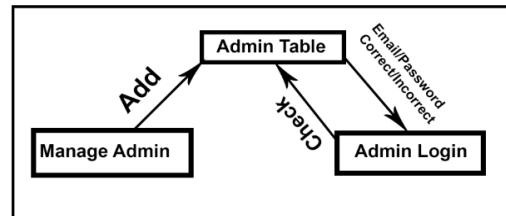
If the admin enters the correct email and password, enter to the admin dashboard.

### Admin Login

Invalid email or password

If email and password is invalid, then the system will be generated an error message with text of “Invalid email or password”.

Connection between admin login page, manage admin page and admins’ table



## 6. Admin Dashboard

[Home](#) [Admin](#) [Users](#) [Food](#) [Orders](#) [Logout](#)

### Dashboard

**5**  
Users

**5**  
Orders

**5**  
Admin

2020 All Right Reserved

The admin’s home page (Admin Dashboard) of this food ordering system. This includes navigation bar, footer bar and others. The navigation bar includes the home, admin, users, food, orders and logout.

### 6.1 Manage Admin

[Home](#) [Admin](#) [Users](#) [Food](#) [Orders](#) [Logout](#)

### Manage Admin

AdminID	Name	Email	Actions
—	—	—	Change Password Update Admin Delete Admin

2020 All Right Reserved

An Admin can log in and add admin to this page, change admin’s password, update and delete.

### Add Admin Page

Home Admin Users Food Orders Lagout	
Add Admin	
Name	<input type="text"/>
Email	<input type="text"/>
Password	<input type="text"/>
<input type="button" value="Add Admin"/>	
2020 All Right Reserved	

### Change Password Page

Home Admin Users Food Orders Lagout	
Change Password	
Old Password	<input type="text"/>
New Password	<input type="text"/>
Confirm Password	<input type="text"/>
<input type="button" value="Update Password"/>	
2020 All Right Reserved	

### Update Admin Page

Home Admin Users Food Orders Lagout	
Update Admin	
Name	<input type="text"/>
Email	<input type="text"/>
<input type="button" value="Update Admin"/>	
2020 All Right Reserved	

### Delete Process

After clicking the admin delete button, that admin will be deleted from the manage admin page and admin table.

## 6.2. Manage Users Page

Home Admin Users Food Orders Lagout				
Manage Users				
userID	First Name	Last Name	Email	Actions
_____	_____	_____	_____	Delete User
2020 All Right Reserved				

An administrator can access this page only to delete users so the user's table is also deleted.

### 6.3. Manage Food Page

An Admin can log in and add food to this page update and delete.

#### Add Food Page

#### Update Food Page

#### Delete Process

After clicking the food delete button, that admin will be deleted from the manage food page and food table.

### 6.4. Manage Orders Page

An Admin can log in this page, update and delete.

- Admin can only update the status (pending/ deleted).
- After clicking the order delete button, that admin will be deleted from the manage order page and orders table.

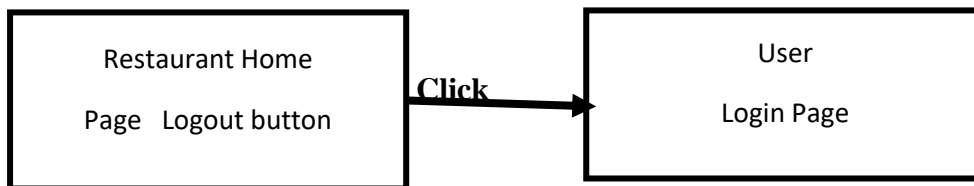
Home	Admin	Users	Food	Orders	Lagout
<b>Update Order</b>					
User Name	<input type="text"/>				
User Number	<input type="text"/>				
User Email	<input type="text"/>				
User Address	<input type="text"/>				
Total	<input type="text"/>				
Payment Method	<input type="text"/> ▼				
Status	<input type="text"/> ▼				
<input type="button" value="Update Order"/>					
2020 All Right Reserved					

This is an update order page.

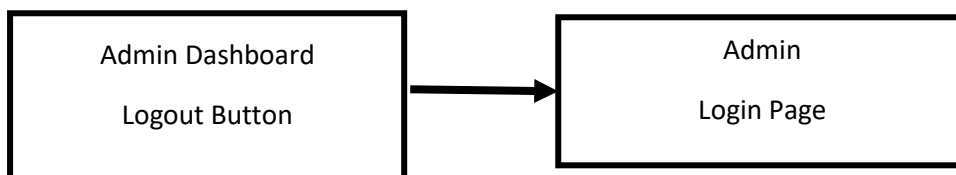
- During all updates, add and delete actions performed by an admin on the admin dashboard, the database tables and user login, menus and order page will be changed.

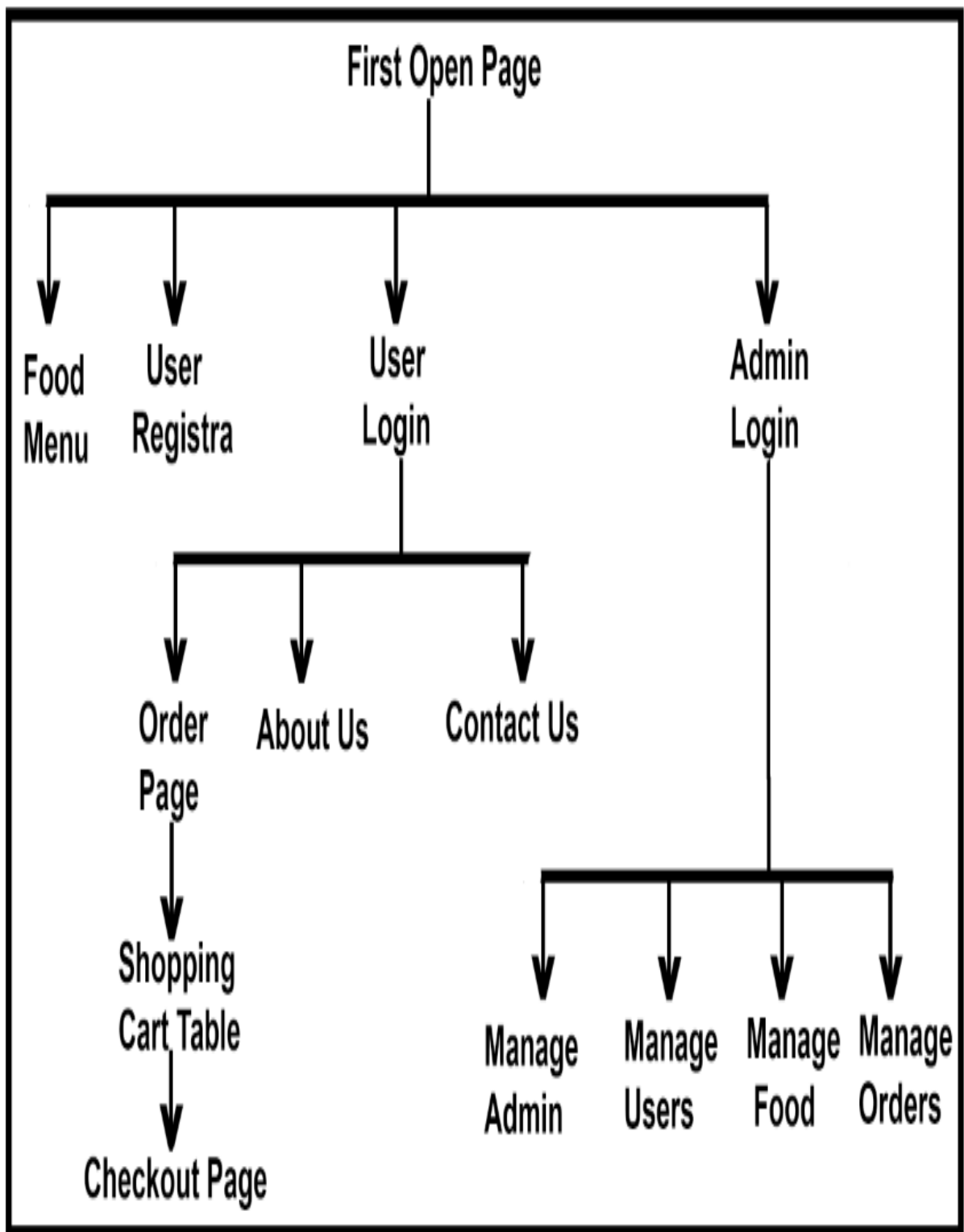
## 7 Logout Button

### 7.1. User Logout



### 7.2. Admin Logout





- Description of the website's structure and navigation flow
- Illustration of the sitemap.