### **Responsibilities and Code Contributions**

A screenshot of a web page

Description automatically generated

**Hongchen Guo:**

* 1. **HTML Design**: Created the HTML structure for the menu and all sub-menu pages, ensuring a clean and user-friendly layout.
  2. **JavaScript**: Implemented all JavaScript functionality for the index, menu, and sub-menu pages, such as interactive elements and dynamic updates.
  3. **CSS Styling**: Designed and implemented CSS for all pages, providing consistent and visually appealing styles across the website.
  4. **Description file, sitemap and ppt.slides**

**Yifan Li:**

* 1. **Front-End Design**: Developed the HTML for the index, contact, and register pages, focusing on layout and functionality for these sections.
  2. **JavaScript for User Register**: Wrote the JavaScript code to handle user registration functionality, including form validation and interactivity.
  3. **Back-End Implementation**: Developed the back-end functionality for inserting user data into the database and testing these processes.
  4. **Database Design**: Designed the database schema specifically for user management, ensuring efficient handling of user-related data.

**Pengpeng Gao:**

* 1. **Back-End Functionality**: Wrote the back-end code to allow admins to log in and manage cakes and orders, including adding, editing, and deleting entries in the database.
  2. **Order Assistance Logic**: Implemented the functionality for the "Place Order" button in the **Cake for Kids** section. The button links to the login page, and after a successful admin login, it allows user-admins to assist customers in placing cake orders.
  3. **Database Design**: Designed the database schema for the shop, including tables for cakes, orders,, ensuring proper relationships between entities.
  4. **Wireframe file**

**Website Overview**

1. **Homepage (index):**
   * Serves as the landing page for users.
   * Provides navigation to the Menu, Contact, Login, and Order Manage pages.
2. **Menu Page (menu):**
   * Divided into six categories:
     + Vintage Cake
     + Cake for Her
     + Cake for Him
     + Cake for Kids:
       - Admins can press the “Place Order” button to assist customers in placing an order.
       - Displays an "Order Placed Successfully" confirmation page after order completion.
     + Cupcake
     + Special Orders
   * Ask Quote: Links to the Contact Page.
   * Each category includes:
     + 5 images of cakes.
     + Dropdown options for selecting size and flavor.
     + Dynamic price updates based on user selection.
3. **Login Page (login):**
   * Enables User Admin authentication.
   * Redirects to the Admin Dashboard (Order Manage Page) upon successful login.
4. **Contact Page (contact):**
   * Allows customers to send messages to the store directly without logging in.
   * Includes fields for:
     + Name
     + Email
     + Phone Number
     + Message
   * Sends customer inquiries to the store’s email or stores them in a database for further action.
5. **Order Manage Page (manage\_order):**
   * Requires User Admin Login.
   * Allows admins to:
     + Add, delete, or edit orders specifically from the Cake for Kids category.
     + Manage cakes across all categories (e.g., updating cake details such as price, size, or availability).

**Database Description**

**Database Workflow**

1. User Registration and Login:
   * User (admin) register on the website, creating a new entry in the User(admin)table.
   * Login functionality ensures only registered users can access features such as update ,delete or edit orders and cakes
2. Cakes Management:
   * Cakes are categorized and detailed with information from the Categories, Styles, Flavors, Sizes, and Cakes tables.
   * Admins can add or update cakes in the Cakes table for menu changes.
3. Order Placement:
   * Users place orders, which are recorded in the order table.