University of Macau

Faculty of Science and Technology

Department of Computer and Information Science

CISC3003 – Web Programming

MaxDeal E-Commerce Website

Project Proposal

TEAM 04: Pair 09 + Pair 05

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1. Introduction

Our platform "MaxDeal" targets 18-24 year-old students in urban campuses, where 68% report monthly grocery spending exceeding budget allocations (National Student Union Survey 2023). By partnering with local suppliers and implementing intelligent price comparison algorithms, MaxDeal guarantees 15-20% cost savings versus conventional online retailers.

2. Services Provided

Core User Services

- **Account Management**
  - login and Sign up
  - Password recovery and settings
  - Order management and delivery history

Shopping Services

- **Categorized Product Discovery**
  8 specialized departments mirroring student needs
- **Search**
  Search for products by entering keywords
- **Cart**
  Automatically calculate the total price of the goods
- **Flexible Delivery Network**
  Two modes of transportation can be chosen

3. Project Background

-The current general e-commerce platforms are mostly targeted at a wide range of users, with complex functions and price systems that are not student-friendly enough.

-College students and community residents have a rigid demand for daily necessities, but they lack dedicated discount channels and convenient experiences.

-MaxDeal is committed to creating an efficient online shopping experience for its target user group with favorable prices and a simple process.
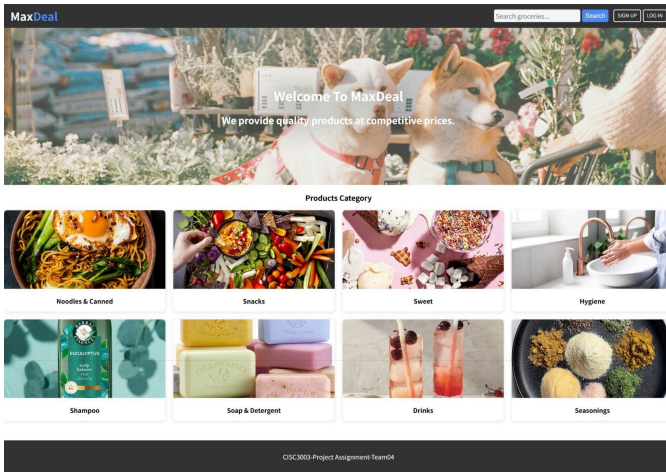
4. Resource Requirements

- XAMPP

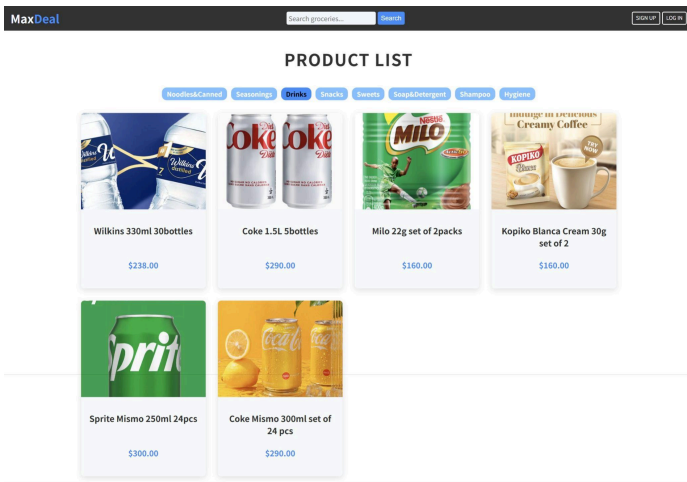-Git version control and remote repository

-phpMyAdmin Database Management
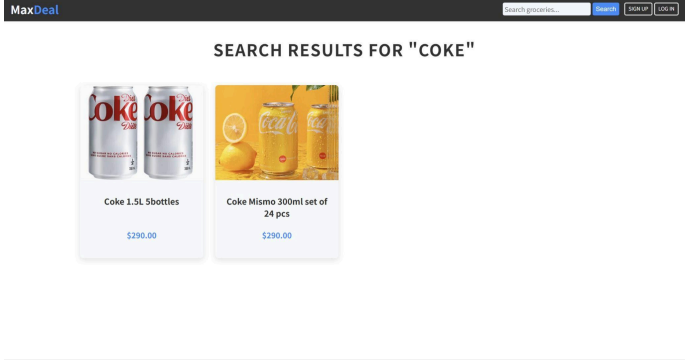
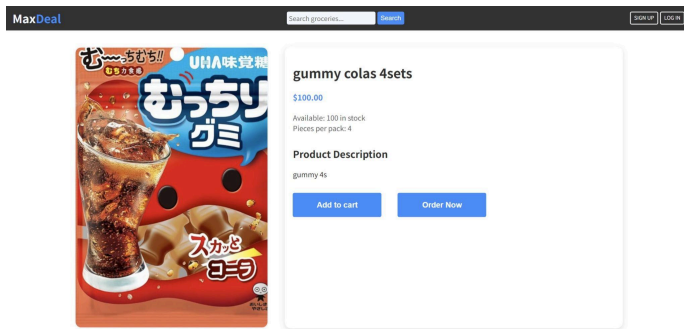-Browser developer tools debugging
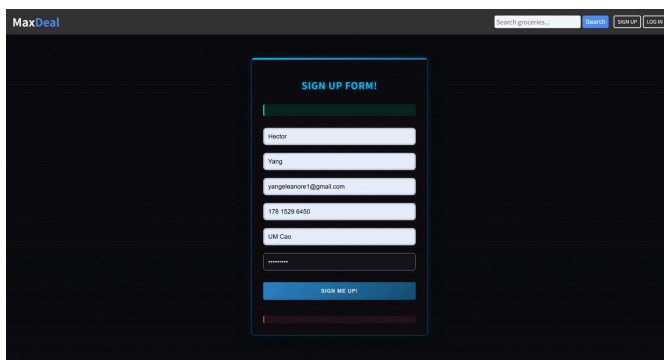
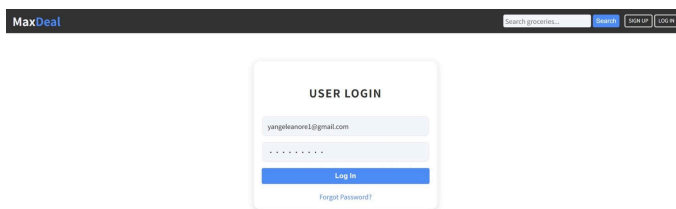# 5. Walkthrough

5.1 Index
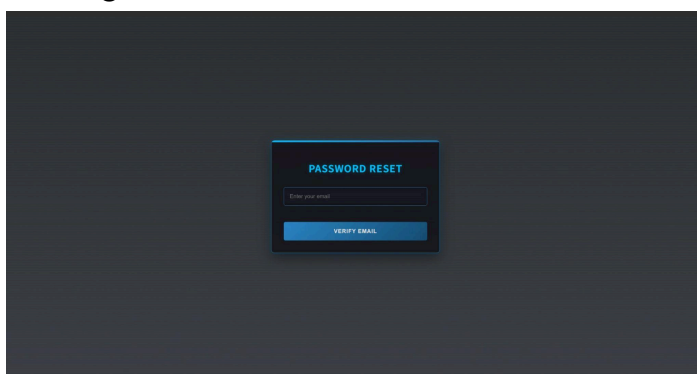

5.2 Product List

5.3 Search

5.4 Product Detail

5.5 Sign up

5.6 Log in

5.7 Forget Password

5.8 Add to cart

5.9 Order History

5.10 Delivery History

5.11 Settings

6. Conclusion

"Shopping Web" aims to redefine online shopping by merging usability with advanced features. By prioritizing security, scalability, and user engagement, TEAM 5 will deliver a platform that meets modern e-commerce standards. The project aligns with academic goals while addressing real-world technical challenges, preparing students for industry-level web development.