

**University of Macau**  
**Faculty of Science and Technology**  
**Department of Computer and Information Science**



**澳門大學**  
**UNIVERSIDADE DE MACAU**  
**UNIVERSITY OF MACAU**

**CISC3003 – Web Programming**

**MaxDeal E-Commerce Website**

**Project Proposal**

**TEAM 04: Pair 09 + Pair 05**

***PAIR 09***

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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

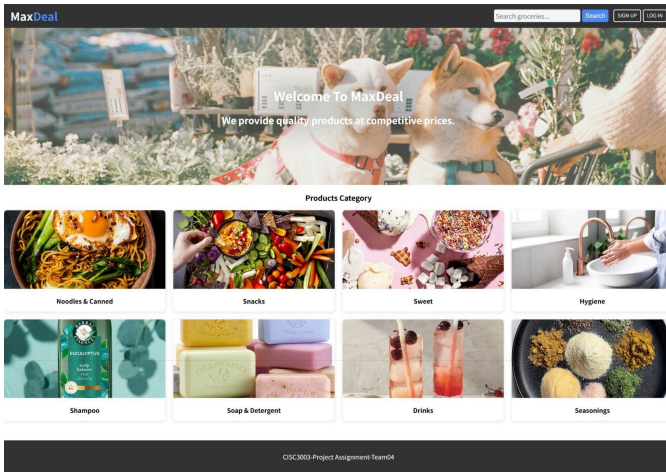
-Git version control and remote repository

-phpMyAdmin Database Management

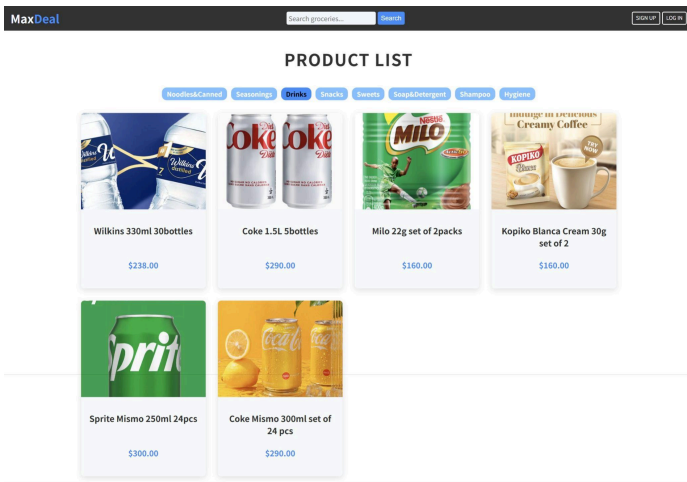
-Browser developer tools debugging

## 5. Walkthrough

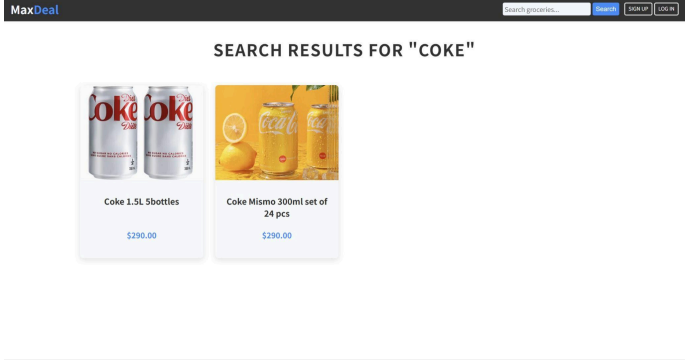
### 5.1 Index



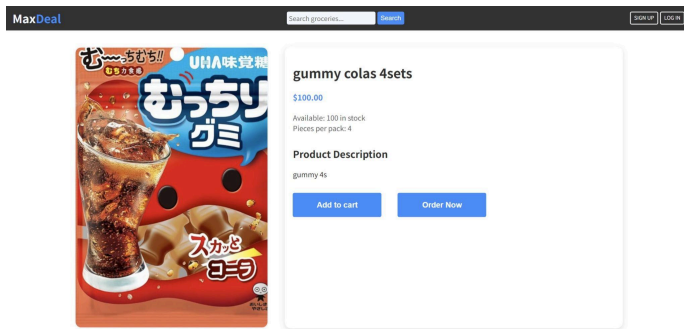
### 5.2 Product List



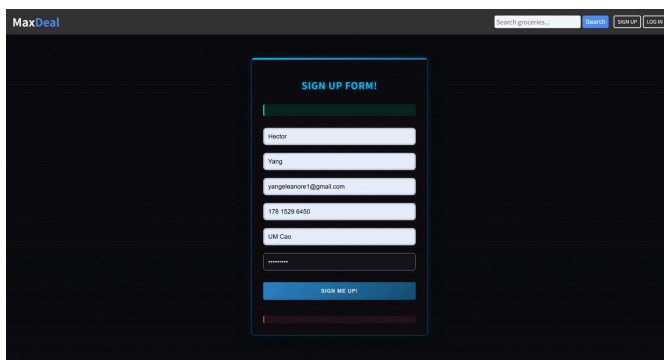
### 5.3 Search



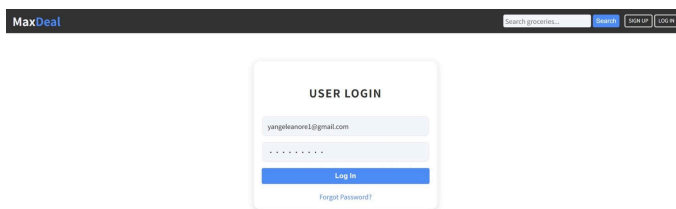
### 5.4 Product Detail



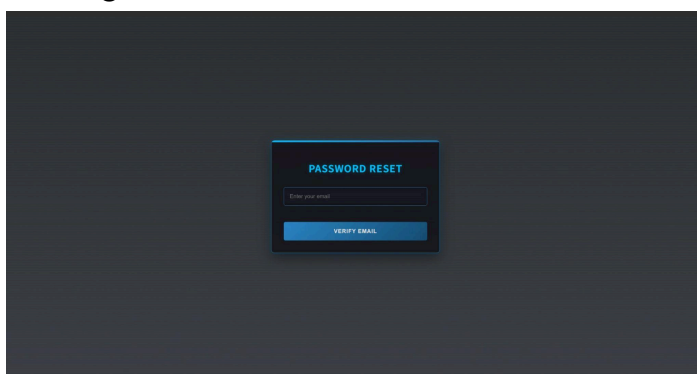
## 5.5 Sign up



## 5.6 Log in



## 5.7 Forget Password



## 5.8 Add to cart

MaxDeal

Search products...

Search

My Cart

My Orders

Delivery History

Settings

Product Name	Price	Quantity	Description	Preview	Action
gummy colas 4ets	\$100	<div>1</div>	gummy 4s		<div></div>
Mr. mais sweet corn candy 106g 4s	\$100	<div>1</div>	106g /4sets		<div></div>

Total: \$200

First Name:

Hector

Last Name:

Yang

Mobile Number:

170 1529 6450

Delivery Address:

UM Cao

☒ Express Delivery (+\$100)

☐ Standard Delivery

Guarantee Order (\$300.00)

## 5.9 Order History

MaxDeal

Search products...

Search

My Cart

My Orders

Delivery History

Settings

My Order History

Product Name	Price	Quantity	Order Date	Delivery Date	Delivery Place	Status	Preview
gummy colas 4ets	100	1	2025-05-11	0000-00-00	UM Cao	No	
Mr. mais sweet corn candy 106g 4s	100	1	2025-05-11	0000-00-00	UM Cao	No	
gummy colas 4ets	100	1	2025-05-11	0000-00-00	UM Cao	No	
Mr. mais sweet corn candy 106g 4s	100	1	2025-05-11	0000-00-00	UM Cao	No	

## 5.10 Delivery History

MaxDeal

Search products...

Search

My Cart

My Orders

Delivery History

Settings

My Delivery History

Product Name	Delivery Date	Order Date	Quantity	Location	Status
gummy colas 4ets	0000-00-00	2025-05-11	1	UM Cao	No
Mr. mais sweet corn candy 106g 4s	0000-00-00	2025-05-11	1	UM Cao	No
gummy colas 4ets	0000-00-00	2025-05-11	1	UM Cao	No
Mr. mais sweet corn candy 106g 4s	0000-00-00	2025-05-11	1	UM Cao	No

## 5.11 Settings

MaxDeal

Search products...

Search

My Cart

My Orders

Delivery History

Settings

ACCOUNT SETTINGS

Old Password

New Password

Confirm New Password

yargeluanwei1@gmail.com

Update 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.