



CAMPUS CRAVINGS

ONLINE COLLEGE CANTEEN MANAGEMENT SYSTEM

by AJ CREATIONS

Presented by :

Amisha Y [MS212408]

Jalak Sharma [MS212412]

TABLE OF CONTENT

- **INTRODUCTION**
- **SYSTEMS**
- **OBJECTIVES**
- **TARGET AUDIENCE**
- **KEY FEATURES**
- **TECHNOLOGY**
- **REQUIREMENTS**
- **FLOW DIAGRAM**
- **ER DIAGRAM**
- **DFD - USER SIDE**
- **DFD - ADMIN SIDE**
- **DIVERSE MENU**
- **FUTURE ENHANCEMENTS**
- **CONCLUSION**

INTRODUCTION

CAMPUS CRAVINGS IS THRILLED TO PRESENT A COMPREHENSIVE PROPOSAL FOR THE DEVELOPMENT OF AN ENGAGING AND USER-CENTRIC WEBSITE.

OUR GOAL IS TO CREATE AN ONLINE PLATFORM THAT SEAMLESSLY INTEGRATES TECHNOLOGY WITH A FOCUS ON PROMOTING QUICK DINING EXPERIENCES, TO CURB HUNGER OF STUDENTS DUE TO LIMITED BREAK TIME, NETWORK ISSUES, LONG WAITING TIME AND CONTINUOUS CLASSES IN OUR COLLEGE COMMUNITY.

SYSTEMS

EXISTING SYSTEM

TRADITIONAL METHOD OF PHYSICALLY VISITING THE CANTEEN, WAITING IN LINE, ORDERING, BILLING, PAYMENT [SOMETIMES NETWORK ISSUES], WAITING AND COLLECTION OF ORDER

PROPOSED SYSTEM

ADVANCED METHOD OF ONLINE ORDERING WITHOUT GOING TO CANTEEN PHYSICALLY, BILLING, PAYMENT, NO WAITING AND DIRECT COLLECTION OF ORDER, SAVING TIME

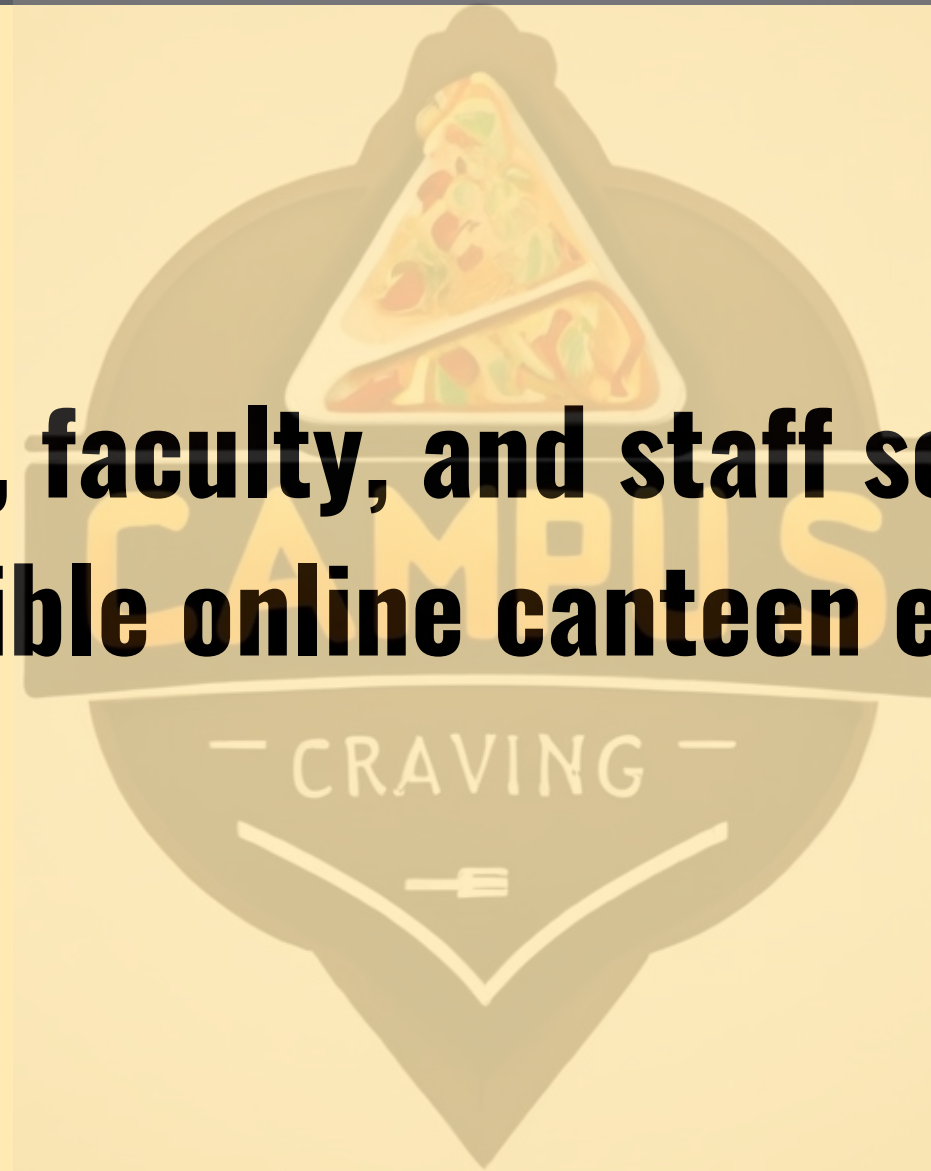
PROJECT OBJECTIVES

- **TO REDUCE THE WAITING TIME DUE TO CROWD**
- **TO TACKLE NETWORK ISSUES IN CANTEEN**
- **ACCESSIBILITY TO FOOD IN SPITE OF LIMITED SHORT BREAKS**
- **PRIORITY ON FIRST COME FIRST SERVE BASIS**
- **ACCESSIBILITY OF THE ENTIRE CANTEEN MENU ON ONE SITE**
- **SEAMLESS HASSLE FREE ONLINE PAYMENT OPTIONS**
- **TO BUILD AN INTERACTIVE & COMPATIBLE WEBSITE**



TARGET AUDIENCE

College students, faculty, and staff seeking a modern and accessible online canteen experience.



KEY FEATURES

- **INTERACTIVE USER INTERFACE**
- **MENU EXPLORATION**
- **ORDERING SYSTEM**
- **PAYMENT INTEGRATION**
- **USER ACCOUNTS**
- **COMPATIBLE ACROSS DEVICES**



TECHNOLOGY STACK

- **FRONT-END: HTML, CSS, JAVASCRIPT**
- **BACK-END: PYTHON, DJANGO**
- **DATABASE: SQLITE**
- **PAYMENT GATEWAY: RAZORPAY**
- **DESIGN: FIGMA, CANVA**
- **COLLAB ENVIRONMENT: GITHUB**



REQUIREMENTS

USER

- **DEVICES WITH THE OS ABOVE 2007 VERSIONS**
- **INTERNET CONNECTION**
- **JAVASCRIPT ENABLED WEB BROWSER**
- **GRAPHIC SUPPORT**
- **ANTIVIRUS/FIREWALL**

ADMIN

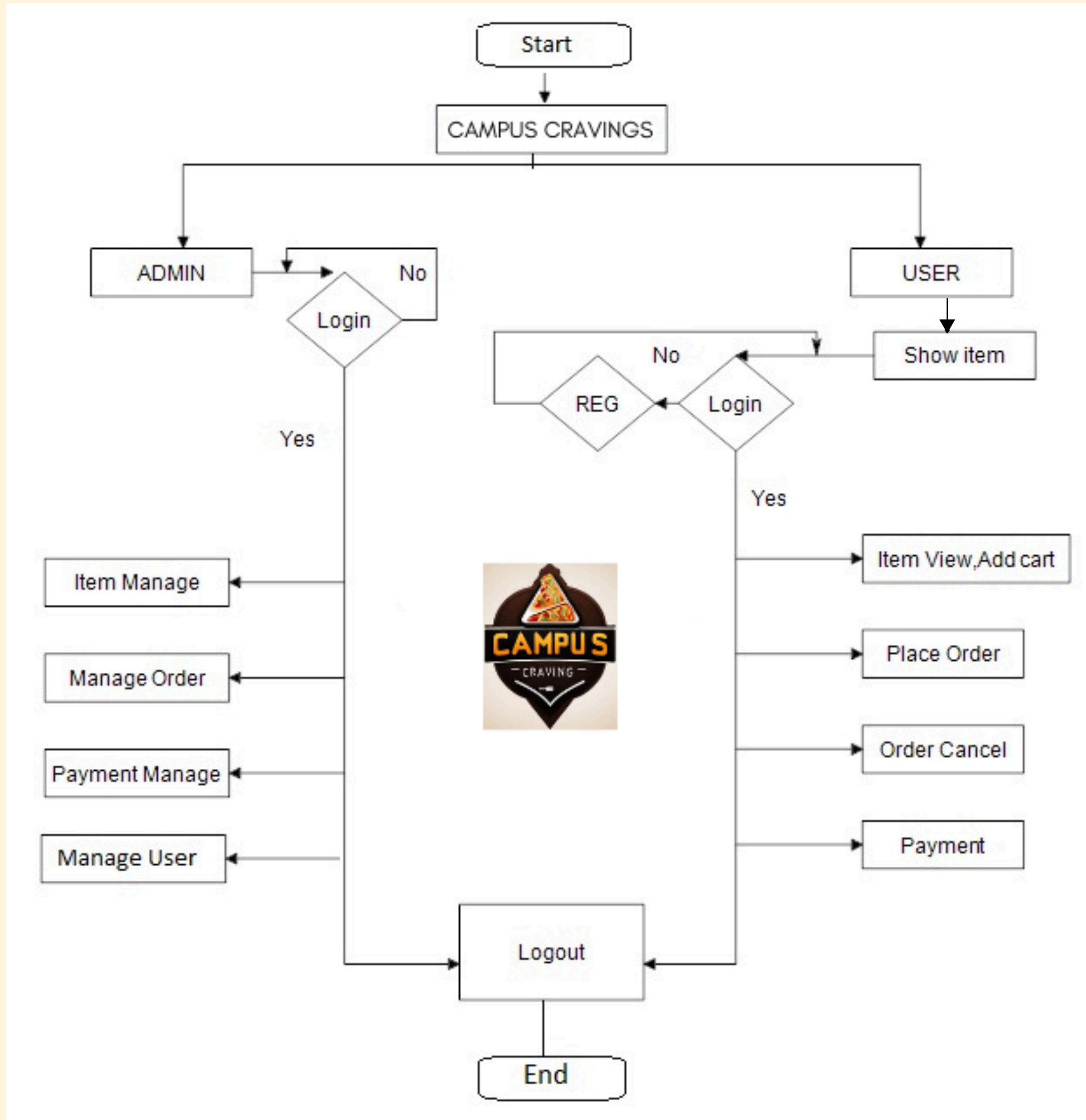
- **DEVICES WITH THE OS ABOVE 2007 VERSIONS**
- **INTERNET CONNECTION**
- **LOCAL DEV SERVER**
- **SOFTWARE TOOLS & IDEs**
- **GRAPHIC DESIGN TOOLS**
- **ANTIVIRUS/FIREWALL**

DIVERSE MENU

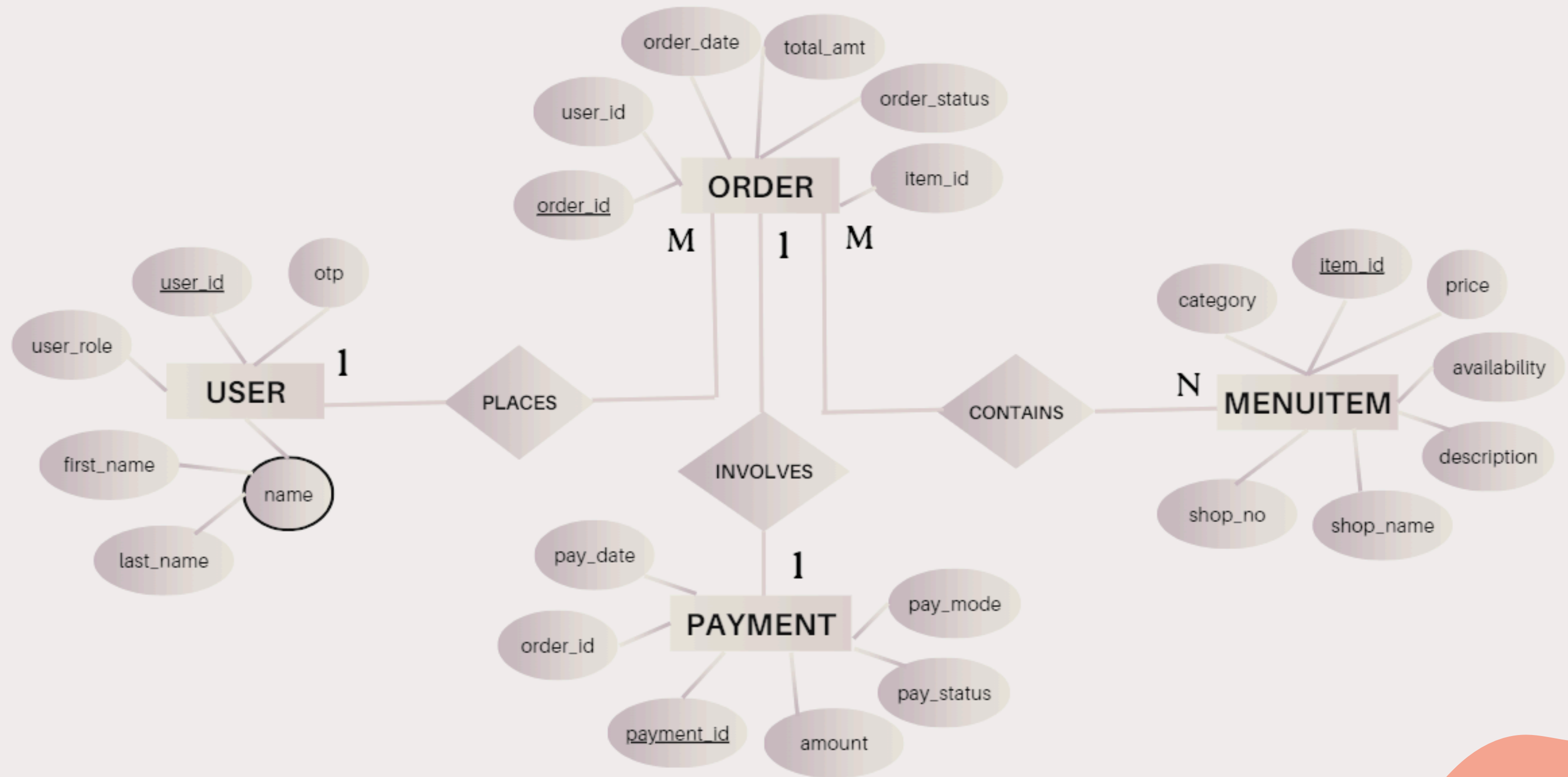


- **NORTH INDIAN**
- **SOUTH INDIAN**
- **CHINESE**
- **ITALIAN**
- **CHATS**
- **WAFFLES**
- **JUICE & MILKSHAKES**
- **CAKES**
- **PIZZA**

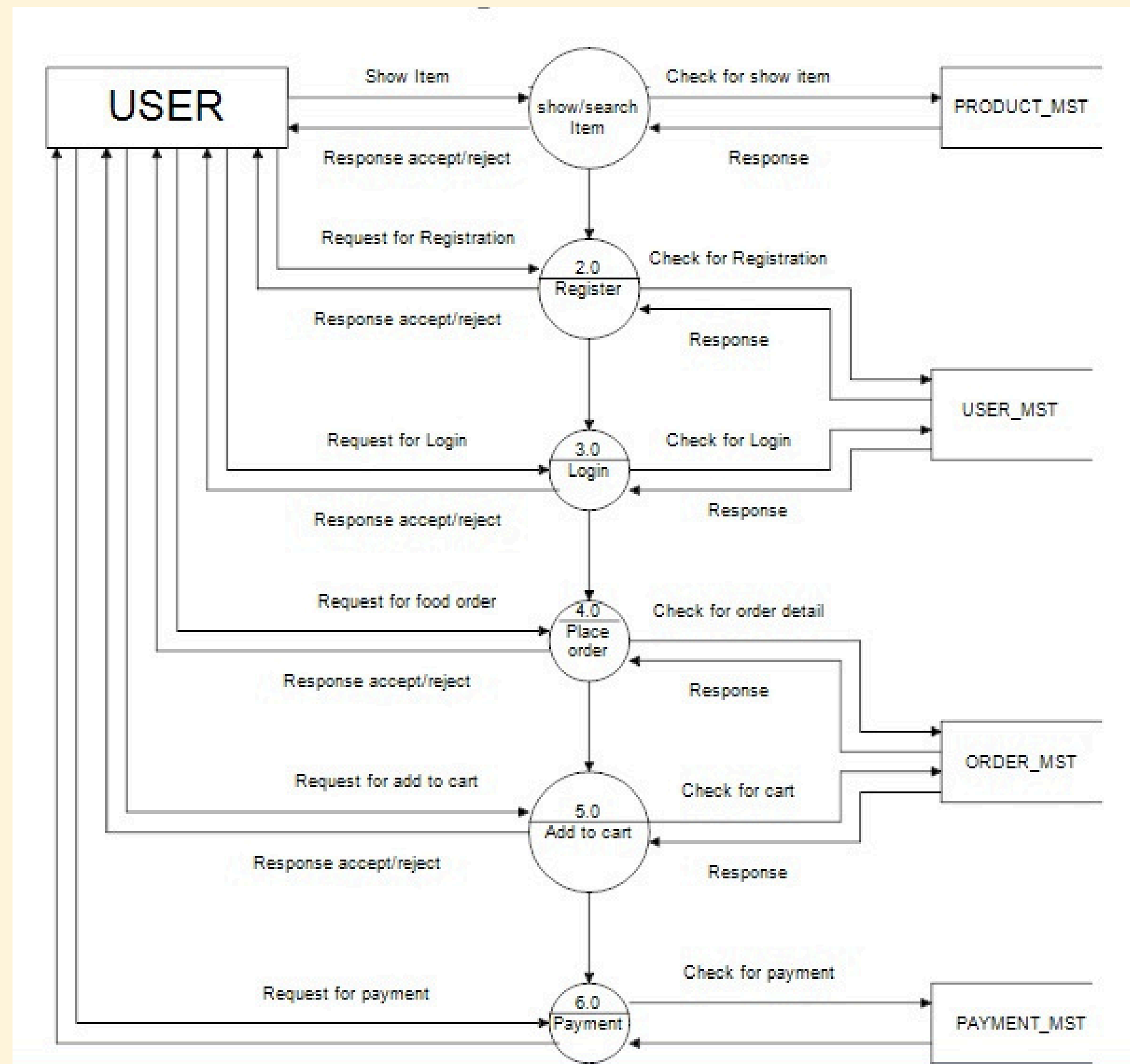
FLOW DIAGRAM



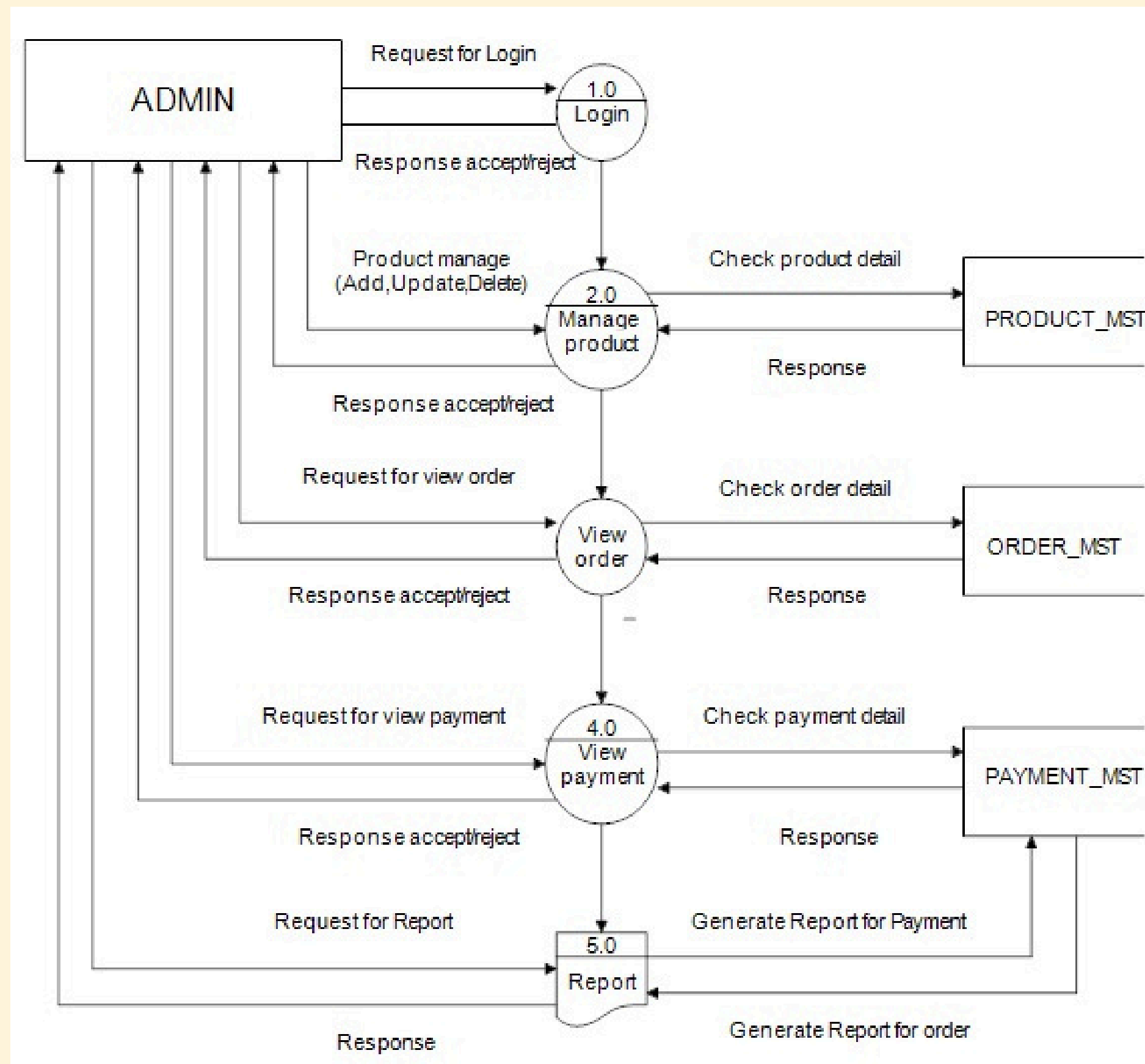
ER DIAGRAM



DATA FLOW DIAGRAM



DATA FLOW DIAGRAM



FUTURE ENHANCEMENTS

- **INTEGRATING A LOYALTY PROGRAM TO REWARD FREQUENT USERS**
- **IMPLEMENTING REAL-TIME ORDER TRACKING FOR ENHANCED TRANSPARENCY**
- **EXPLORING CUSTOMISATION OPTIONS FOR NUTRITIONAL INFORMATION DISPLAY**
- **BUILDING A MOBILE APPLICATION FOR REAL-TIME LOCATION DETECTION TO ACCESS THE APPLICATION ONLY INSIDE THE COLLEGE VICINITY**
- **CONTINUOUS OPTIMIZATION BASED ON USER FEEDBACK**
- **PROFILE DETAILS AND ORDER HISTORY FOR MARKETING AUTOMATION**
- **INCORPORATION OF OTP BASED LOGIN SYSTEM**

CONCLUSION

CAMPUS CRAVINGS IS EAGER TO EMBARK ON THIS WEBSITE DEVELOPMENT JOURNEY TO ENHANCE THE CAMPUS DINING EXPERIENCE. WE BELIEVE THAT THIS WEBSITE WILL NOT ONLY MEET BUT EXCEED THE EXPECTATIONS OF OUR DIVERSE AND HEALTH-CONSCIOUS COLLEGE COMMUNITY.

WE LOOK FORWARD TO THE OPPORTUNITY TO DISCUSS THIS PROPOSAL FURTHER AND COLLABORATE ON THE CREATION OF AN EXCEPTIONAL ONLINE PLATFORM FOR CAMPUS CRAVINGS.

A bright, modern classroom with colorful chairs and tables. The room has large windows, a potted plant, and a polished floor. A large, yellow, curved banner with the text 'THANK YOU' is overlaid in the center. The text is in a bold, black, sans-serif font, with 'THANK' in all caps and 'YOU' in a mix of caps and italics.

THANK *YOU*