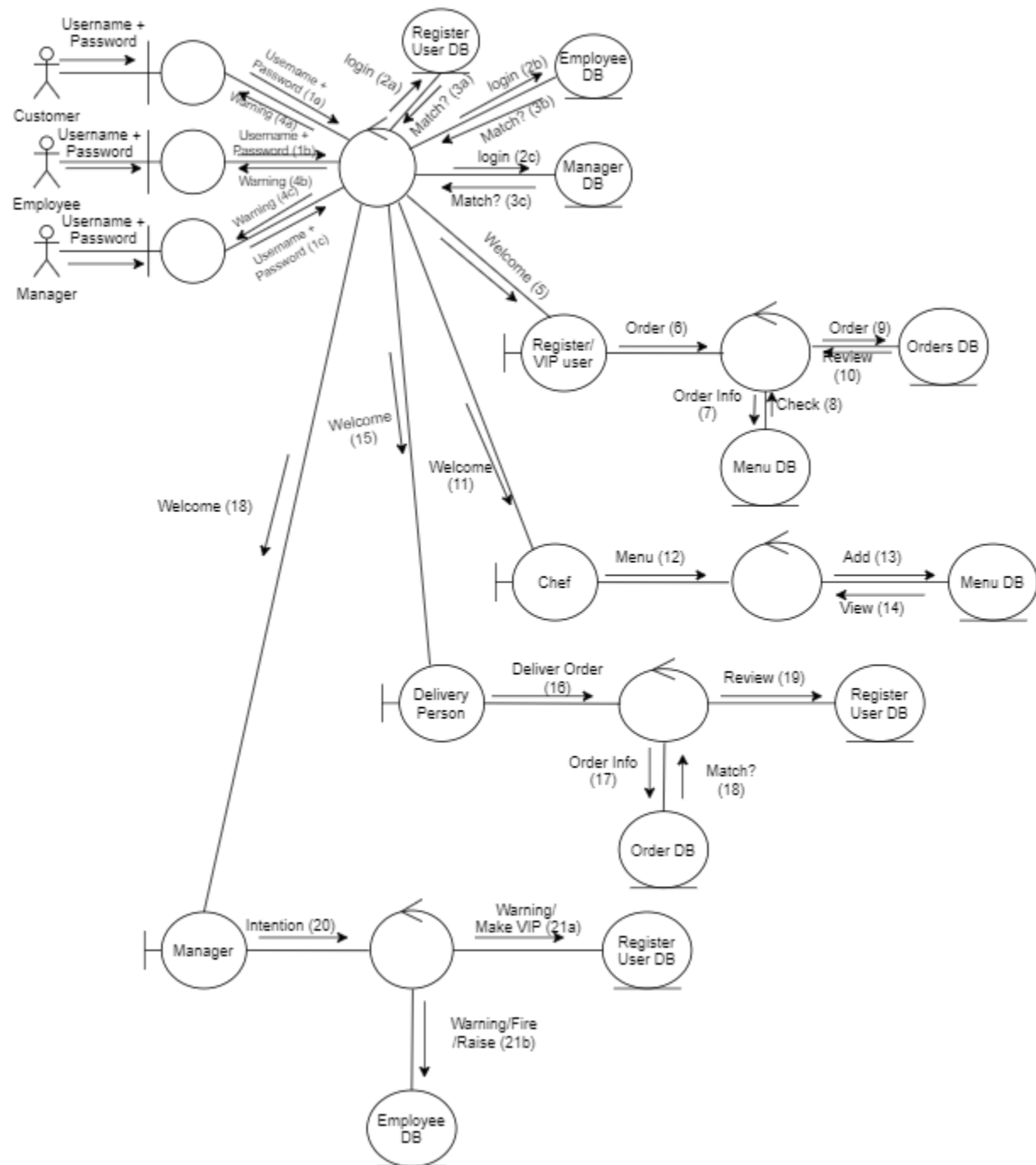

<Array Pasta>

Phase II: Design Report
CSC 322
Team S

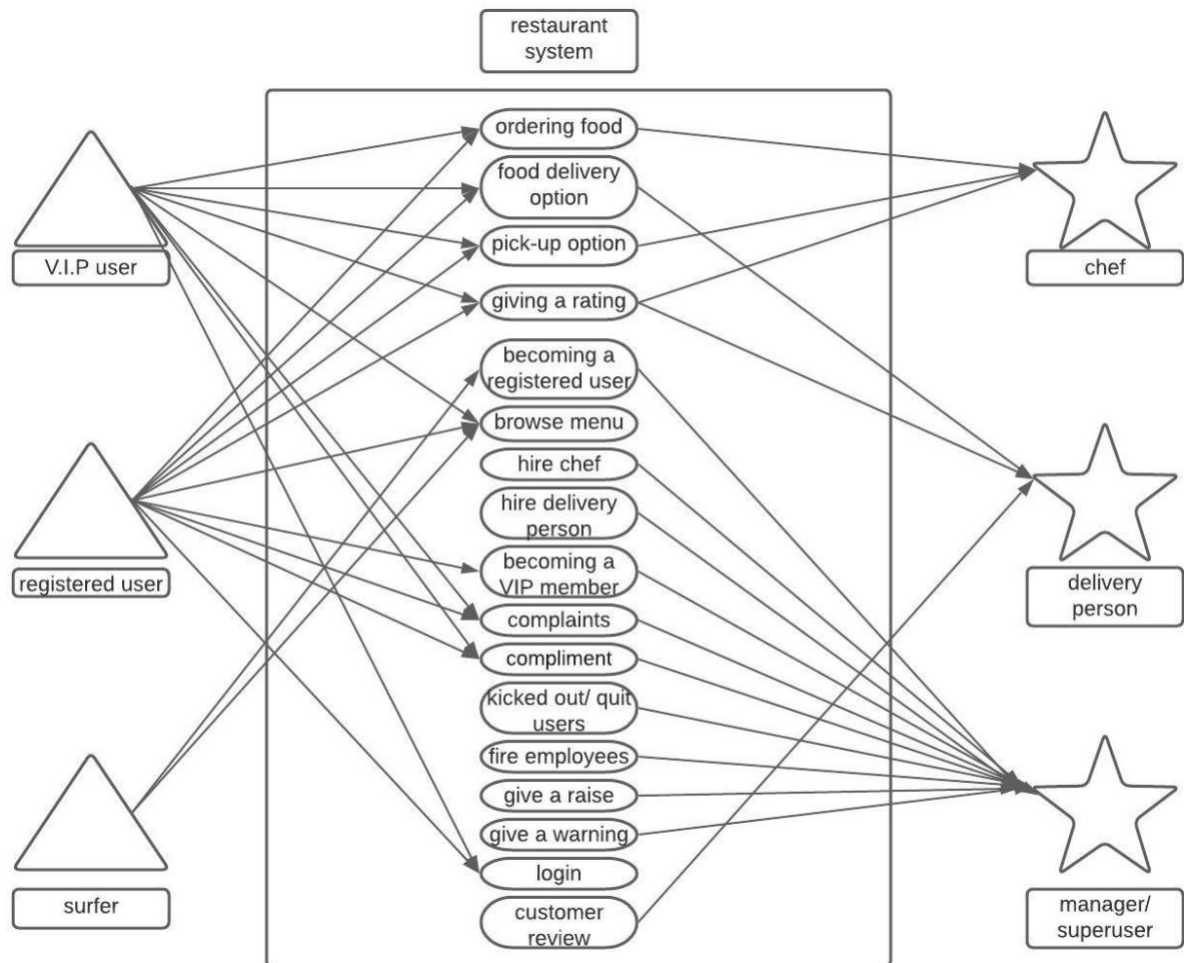
Table of Contents

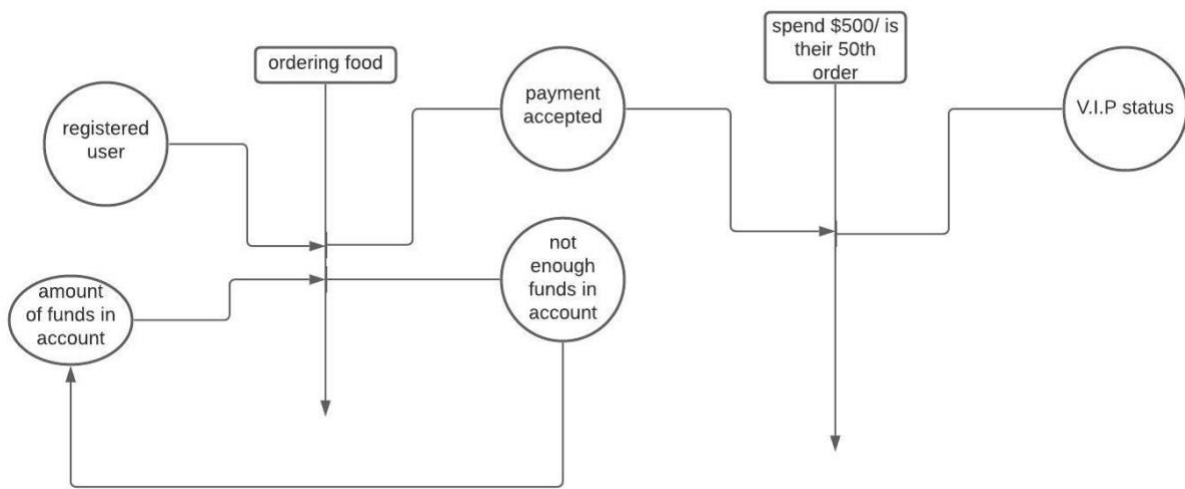
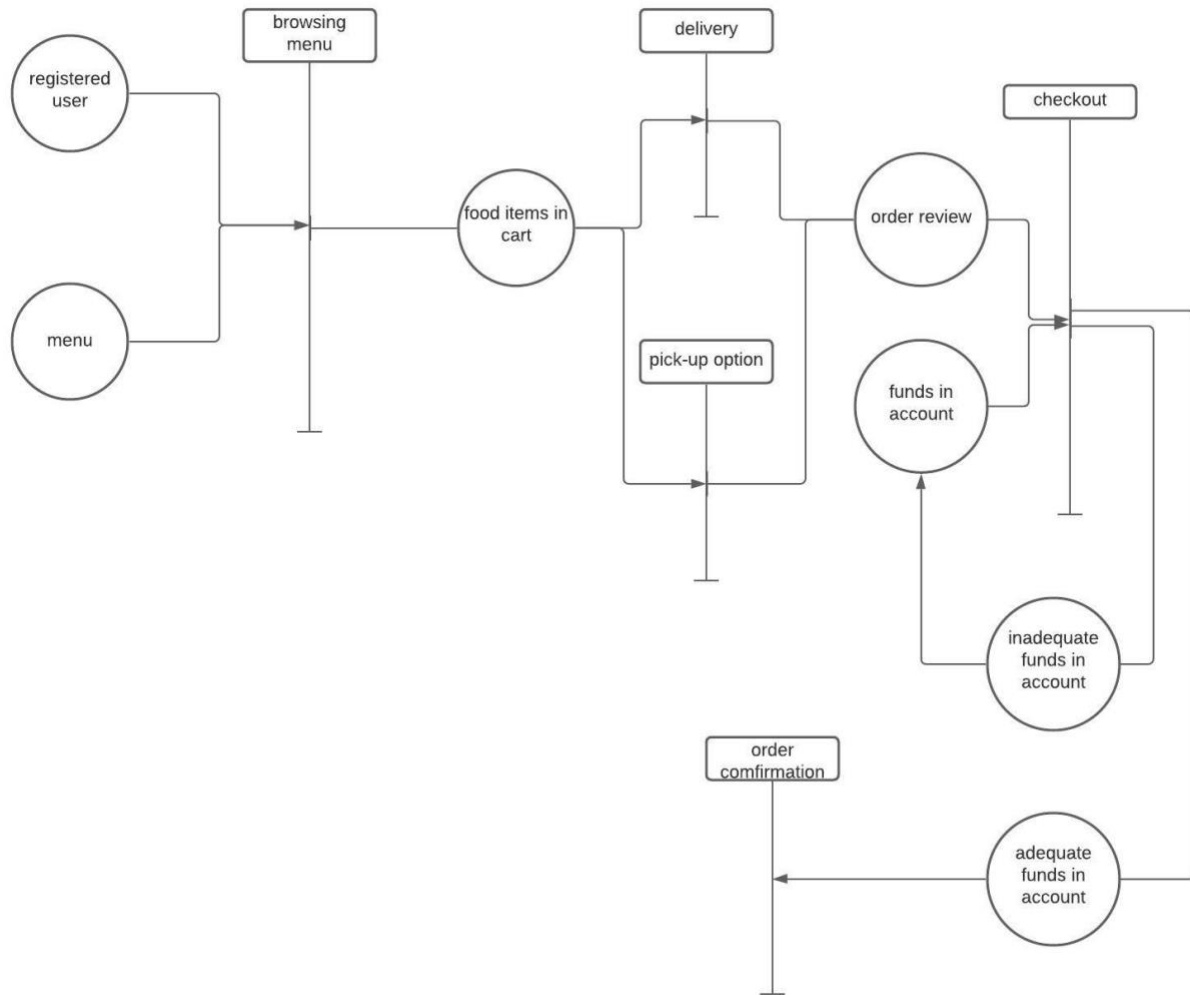
1. INTRODUCTION	3
2. ALL USE CASES.....	4
3.1. E-R DIAGRAM	7
3.2. DATABASE SCHEMA DIAGRAM.....	8
4. DETAILED DESIGN:	9
5. SYSTEM SCREENS:.....	11
6. MINUTES OF GROUP MEETINGS AND POSSIBLE CONCERNS OF TEAM WORK.....	15
7. ADDRESS OF THE GIT REPO (GITHUB, GITLAB, BITBUCKET, ETC) OF YOUR TEAM'S WORK SO FAR - PUT ALL MATERIALS INCLUDING THIS REPORT THERE.....	16

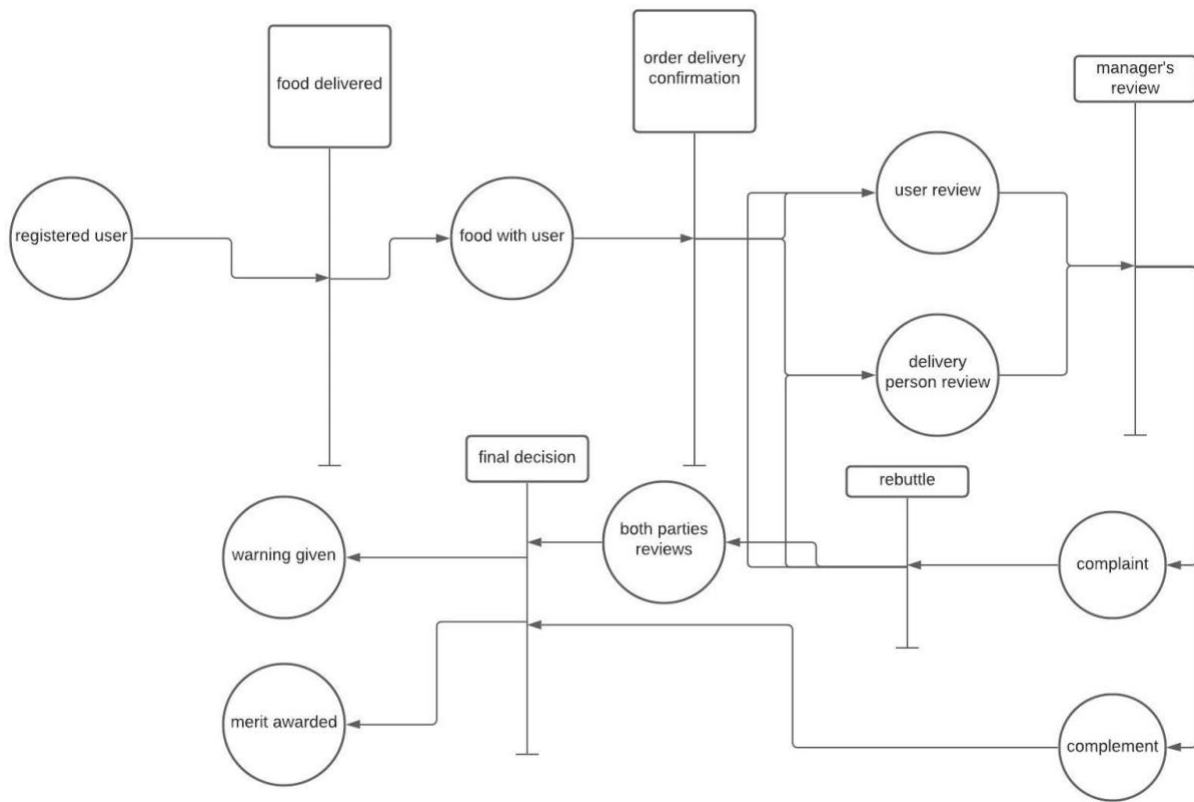
1. Introduction



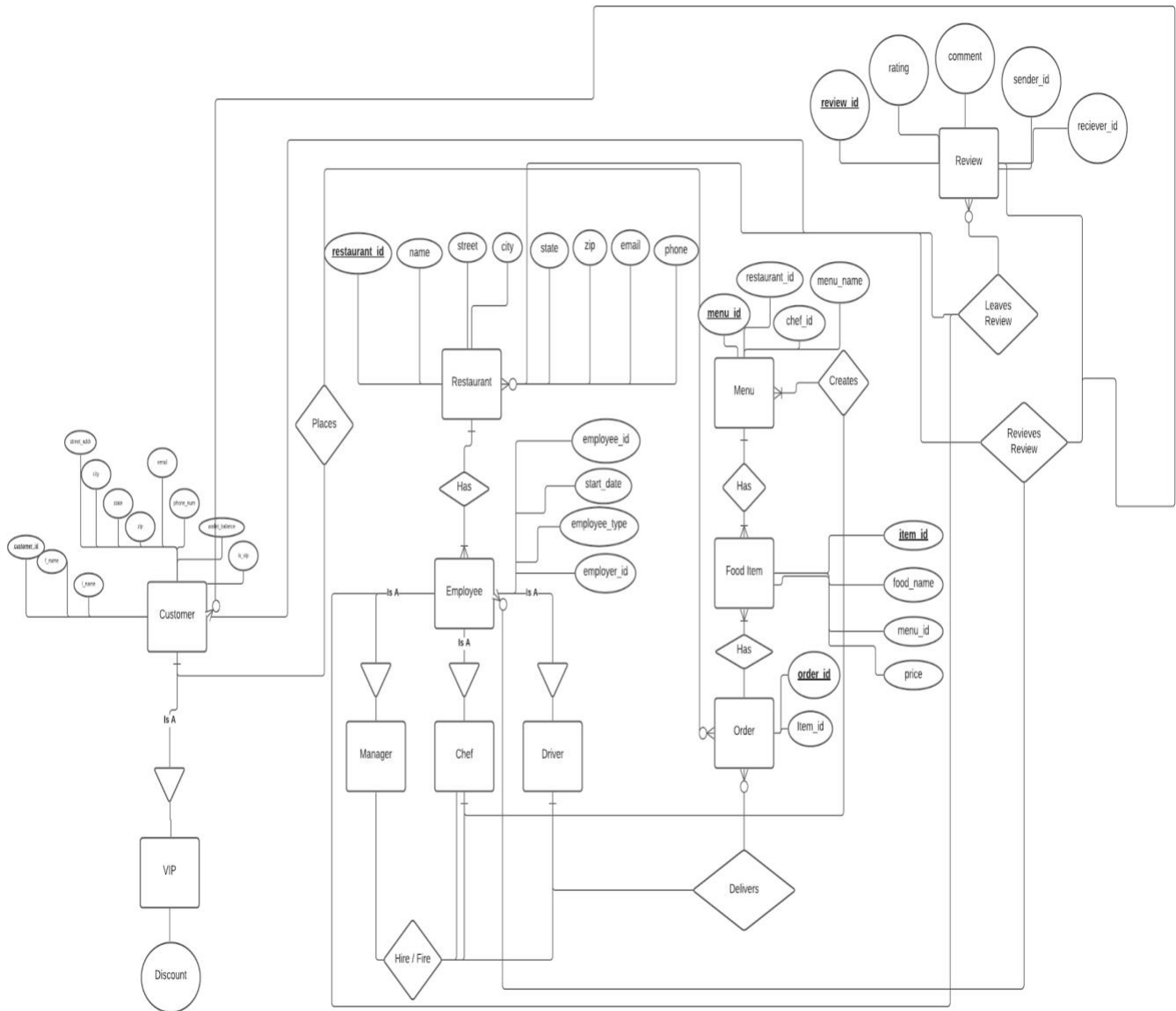
2. All use cases





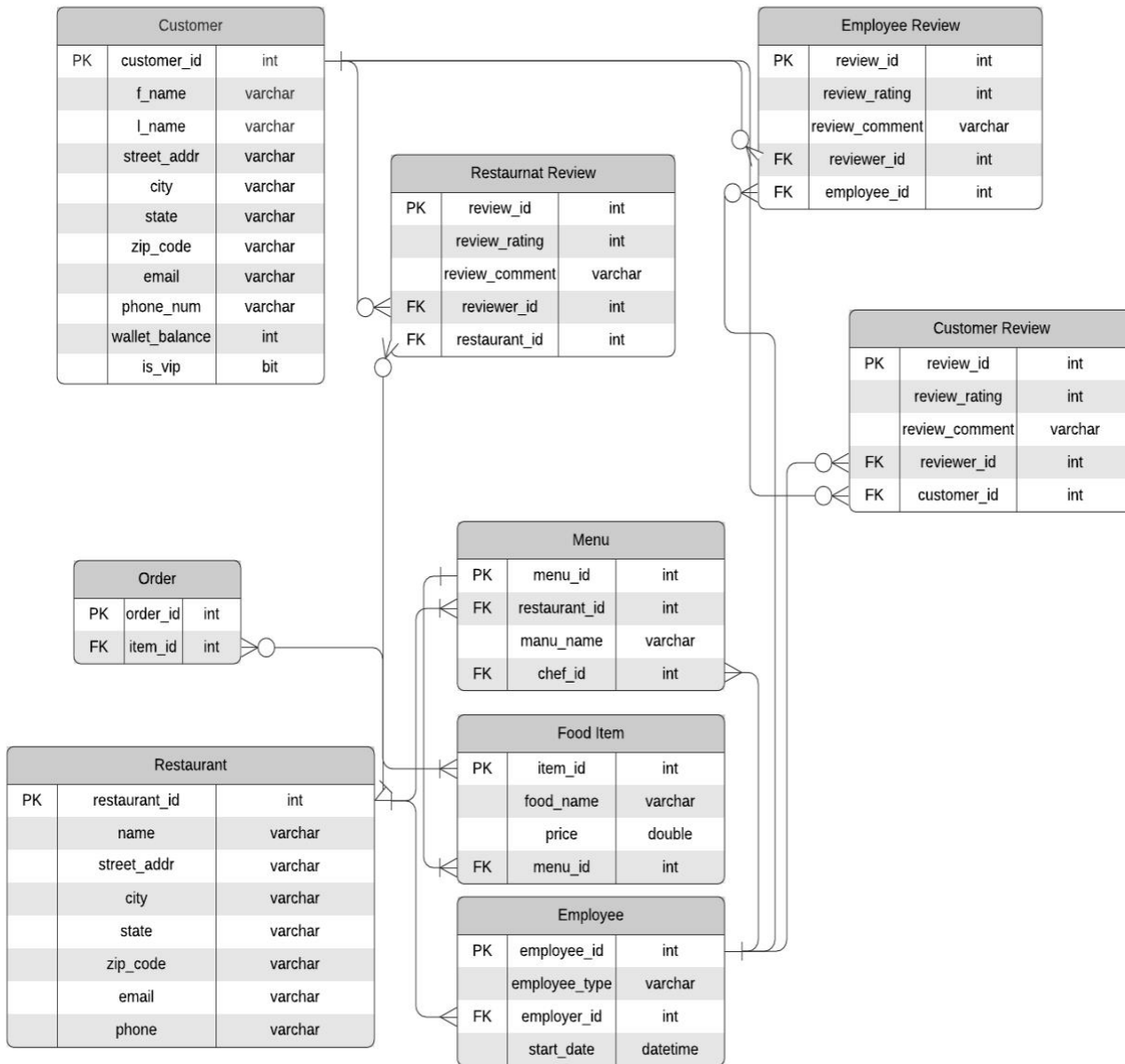


3.1. E-R diagram



full image <https://i.imgur.com/eAxaquQ.png>

3.2. Database Schema diagram



full image <https://imgur.com/a/fhb95He>

4. Detailed design:

Login Method (username, password):

```
if input username + password == employee database (username + password):
    print welcome to the screen and proceed to the employee's page
elif input username + password == manager database (username + password):
    print welcome to the screen and proceed to the management page
elif input username + password == customer database (username + password):
    print welcome to the screen and proceed to the restaurant home page
elif username != employee db/manager db/customers db (username):
    print wrong username,try again
else:
    print wrong password,try again
```

Customer registration method(username, password):

```
If len(username) is < than 6:
    Print username too short
elif len(password) is < than 6:
    Print password too short
elif len(username) is > than 20:
    Print username too long
elif len(password) is > than 25:
    Print password too short
For char in the username:
    If char != number and letters;
        Print only number and letters in username
Else:
    Print successful registration and put it into customerdb.
```

Order method (balance, cost, deliverymethod):

```
Print select pickup ,dine in or delivery:
    If total cost > balance:
        Account frozen --> db(customer)
        Print please put more money into the account
    If deliverymethod= pickup or dine in:
        Notify chef to prepare the order and print the estimated time for chef to prepare
    If deliverymethod = delivery:
        Notify both delivery man and chef, print estimated time
```

File Complain method(user, person to complain):

```
If user is nonVIP and file compliments to chef or delivery person:
    Compliment += 1 --> employeedb(chef or delivery person)
If user is VIP and file compliments to chef or delivery person:
    Compliment += 2 --> employeedb(chef or delivery person)
```

If user is delivery person and file compliments to customer:
Compliment += 1 --> customerdb(chef or delivery person)

File Complement method(user, person to complain):

If user is nonVIP and file compliments to chef or delivery person:
Complement += 1 --> employeeedb(chef or delivery person)
If user is VIP and file compliments to chef or delivery person:
Complement += 2 --> employeeedb(chef or delivery person)
If user is delivery person and file compliments to customer:
warning += 1 --> customerdb(delivery person)

Chef Demote method (demote, rating, complain, order):

If demote == 2:
Print you're fired.
Remove chef from employeeedb.
If employee db (rating < 2 or complain > 3 or order = 0 in 3 days):
Print you're demoted
employeeedb(chef, demote+1, salary-\$1000)

Chef Promote method(promote, rating, complement):

If promote == 2:
Print you're promoted.
employeeedb(chef, promote+1, salary +\$1000)
If employee db (rating > 4 or complement > 3):
employeeedb(chef, complement -1, promote+1)

Warning method (user, warnings):

Display warning
If user = VIP and warning ==2:
customerdb(VIP,2) -> customerdb(nonVIP,0)
If user = nonVIP and warning ==3:
Remove customer from customerdb

Customer promote method (user, spent, total orders):

If user == nonVIP and (spent > 500 or total orders > 50):
customerdb(nonVIP) -> customerdb(vip)
Print you are VIP now!, here's you 10% promo code

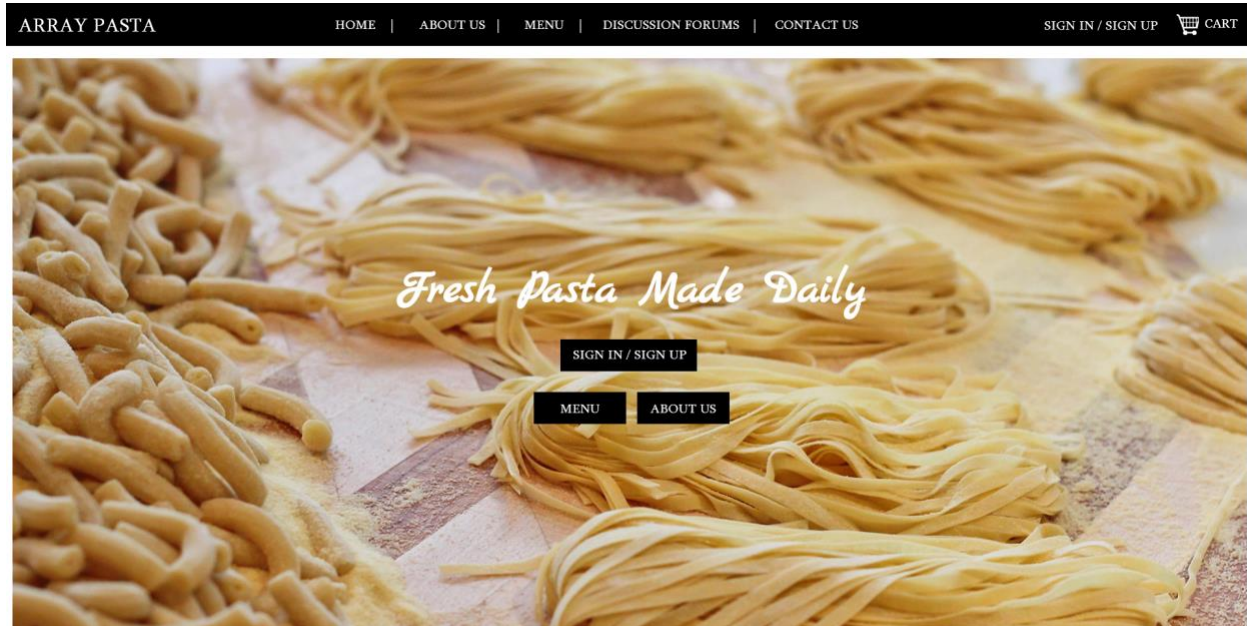
Taboo method (user, warnings):

if word == taboo[word]:
customerdb(user, warning+1)
Word = "***"
Print word

5. System screens:

Home page

Everybody that enters into the website will come to this page first. Anybody can have access to this page.



Sign in or register page

This screen will allow the users to either enter their username and password to sign in or join as a new user.


The image shows the 'Sign in or register' page. At the top left, the text 'Sign in or register' is displayed. Below it is a large, light gray rectangular box containing the login fields. Inside this box, the label 'Username:' is followed by a text input field. Below that, the label 'Password:' is followed by another text input field. At the bottom left of the box is a dark gray button with the text 'LOG IN' in white. To the right of the login box, the text 'Create an account' is displayed above a white rectangular button with the text 'Create Account' in black. At the bottom right of the page, the text 'Go Back -->' is visible.

User's account page

After the user have logged into their account. The user will come to this screen. This screen allows the user to view their account information, addresses, payment methods and order history.

ARRAY PASTA

HOME | ABOUT US | MENU | DISCUSSION FORUMS | CONTACT US

YOUR ACCOUNT 

My Account

--

Dashboard


Account Information

Addresses

Payment Methods

Order History

Gift Cards

Welcome back, John! 

ORDER HISTORY

All Orders

Order Date	Order #	Status	Total	
November 9, 2020	32167071532	Delivered	53.13	View Details >


Account Info

John Smith
johnsmith@gmail.com
Password: *****

Primary Shipping Address

John Smith
12345 ABC AVENUE
NEW YORK, NY 12345-4567

Payment Method

Visa **** 5678
Expires 11/2025
John Smith 

Gift Cards


[+ Add a Gift Card](#)

Menu

A display of the menus from different chef.

ARRAY PASTA

HOME | ABOUT US | MENU | DISCUSSION FORUMS | CONTACT US


YOUR ACCOUNT 

MENU- CHEF 1

Chef name

★★★★★


View ratings



STARTER


KALE CAESAR SALAD

12




CALAMARI


14





MUSSELS


12











SPECIALITIES

SHRIMP SCAMPI

24

Spaghetti, Charred Asparagus, Broken Bread, Scampi Sauce

RISOTTO

20

Butternut Squash, Mushrooms, Sage, Parmesan

SQUID INK BUCATINI VONGOLE

24

Little Neck Clams, Garlic, White Wine, Butter, Chili

SALMON

25

Gigante Beans, Roasted Corn, Spinach

NEXT -->

MENU- CHEF 2

ITALLIAN WEDDING SOUP

House Made Chicken Meatballs, Broth, Leafy Greens Croutons

12



ARTICHOKEs AND AVOCADO TOAST

Fried Artichokes, Lemon Zest, Chives, Pecorino

14



ALL NATURAL BEEF MEATBALLS

Pecorino Cheese, Salt, Milk, Bread, Parsley

12











SPECIALITIES

CHICKEN PARMIGIANA

Spicy Marinara, Fresh Mozzarella

20

THREE CHEESE MEAT LASAGNA

Ricotta, Mozzarella, Pecorino, Ground Beef, Short Rib

22

LEMON CHICKEN

Thyme, Rosemary, Garlic, Wine, Chili Flakes, Polenta

25

BRAISED SHORT RIB

Short Ribs, Mushrooms, Gorgonzola Risotto,Crispy Shallots


26

<-- PREVIOUS NEXT -->

Chef's rating/reviews from customers

ARRAY PASTA

HOME | ABOUT US | MENU | DISCUSSION FORUMS | CONTACT US

SIGN IN / SIGN UP  CART



Chef name

Rating: -----

view menu



★★★★★

BLAHBLHBLAHBLAHBLAH

Customer's cart

The user will review what's in their cart. Allow them to remove items from cart and checkout.

ARRAY PASTA

HOME


ABOUT US

MENU



DISCUSSION FORUMS

CONTACT US

YOUR ACCOUNT

 CART

Your Cart

Item	Item Price	Quantity	Total Price
<div><div><div>Mussels</div><div>Garlic, Basil, Parsley, White Wine</div></div></div> <div>\$12.00</div> <div>2</div> <div>\$24.00</div> <div><div>Remove</div></div>			
<div><div><div>Squid Ink Bucatini Vongole</div><div>Little Neck Clams, Garlic, White Wine, Butter, Chili</div></div></div> <div>\$24.00</div> <div>1</div> <div>\$24.00</div> <div><div>Remove</div></div>			

Order Summary

Subtotal

\$48.00

Delivery Fee

\$1.29


Tax

\$2.21

Total

\$53.70

Checkout



The link below is a testable interactive prototype for the project. It will allow users to navigate between page to page and test its functionalities.

<https://xd.adobe.com/view/7ce34c22-7340-4071-84e5-8755fd77756f-29b0/>

6. Minutes of group meetings and possible concerns of team work

Minutes of group meetings: 180 minutes

Possible concerns of teamwork: lack of communication with each other.

7. Address of the git repo (github, gitlab, bitbucket, etc) of your team's work so far - put all materials including this report there

<https://github.com/csc322projectgroup>