

## **Restaurant 8**

Caroline Mejia, Mengting Cao, Annie Ren, Carol Geng



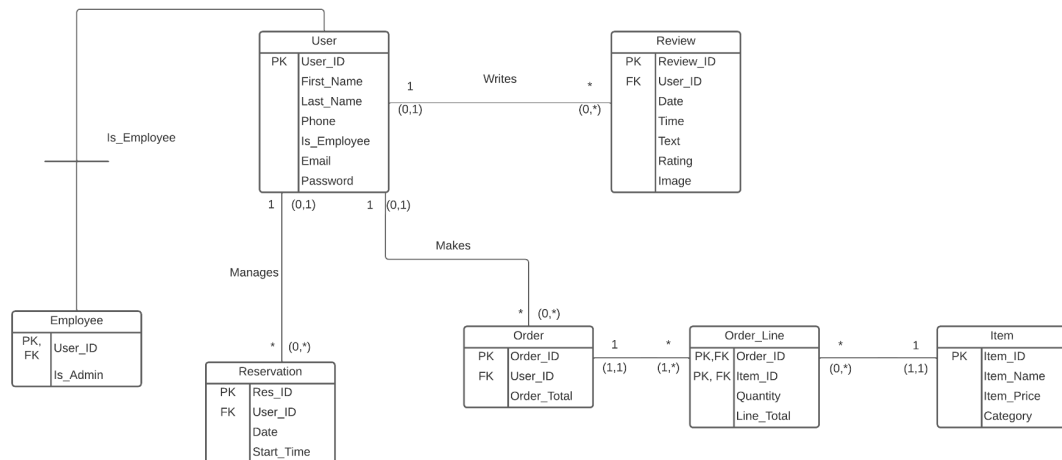
**CSCE 310**

**Professor: Christopher Lanclos**

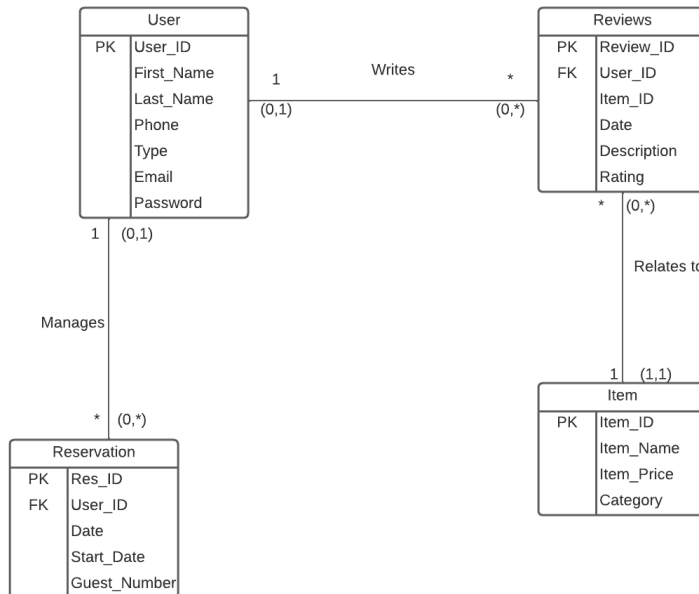
## Project Description:

We are going to be developing an application for a restaurant called Restaurant 8. This application will serve three types of users: admin, employee, and customer. In this application, the admin can remove and add items to the application, the employees can create reservations for customers, and the customers can leave reviews on each food item.

## Final Design ERD Submission



## Current Design



The specialization hierarchy was condensed into just a type attribute in the user entity. We did this since there is no extra information to be stored for admins so it would not make sense to make a separate hierarchy.

In the review entity, date and time were condensed into a date field that stores both date and time.

For the order item functionality previously, we decided to change the functionality to just the menu item where items are displayed and can be added and deleted. To have the entity still connected to the rest of the database, we decided to combine it with the the review entity, where the reviews are a review of an item on the menu.

In the reservation entity, we added an extra guest number attribute to store additional information.

#### **ERD Diagram Link:**

[https://lucid.app/lucidchart/54d62792-0b00-4777-b435-a896b671618e/edit?viewport\\_loc=323%2C-544%2C2419%2C1038%2C0\\_0&invitationId=inv\\_a785d514-387f-483d-b517-a84060a797e9](https://lucid.app/lucidchart/54d62792-0b00-4777-b435-a896b671618e/edit?viewport_loc=323%2C-544%2C2419%2C1038%2C0_0&invitationId=inv_a785d514-387f-483d-b517-a84060a797e9)

#### **Project Files:**

- accounts.php - Mengting
- add\_review.php - Annie
- additem.php - Carol
- all\_reviews.php - Annie
- create\_reservation.php - Caroline
- db.php - Mengting
- delete\_reservation.php - Caroline
- delete\_review.php - Annie
- delete.php - Mengting
- deleteitem.php - Carol
- edit\_reservation.php - Caroline
- edit.php - Mengting
- edititem.php - Carol
- food.php - Carol
- functions.php - Mengting
- header.php - Mengting
- index.php - Carol
- item.php - Carol
- login.php - Mengting
- logout.php - Mengting

- reserve.php - Caroline
- signup.php - Mengting
- update\_review.php - Annie

## **Completed Functionality Sets**

Functionality Set 1: Login Profiles (Mengting Cao)

Functionality Set 2: Scheduling Reservations (Caroline Mejia)

Functionality Set 3: Menu Items (Carol Geng)

Functionality Set 4: Reviews/Posts (Annie Ren)

## **Caroline Mejia: Scheduling Reservations**

Files:

- reserve.php
- create\_reservation.php
- delete\_reservation.php
- edit\_reservation.php

Functionalities:

- Customers can view a list of all of their reservations and create new reservations on their account
- Customers are also able to edit and delete their own reservations
- Employees are only able to view reservations
- Admins are able to view a list of all of the reservations in the database
- Additionally, admins are able to create reservations for customers
  - If the customer does not exist, a new account for the customer is created and added to the database
- Admins are able to delete any reservations in the database

## **Mengting Cao: Login Profiles**

Files:

- accounts.php
- db.php
- delete.php
- edit.php
- functions.php
- header.php

- login.php
- logout.php
- signup.php

Functionalities:

- Register to insert user information into the database
- Only the admin can see all users and their information
- Only the admin can change user permissions
- Users able to update information
- Users able to delete account/information

### **Annie Ren: Review/Posts**

Files:

- all\_reviews.php
- add\_review.php
- delete\_review.php
- update\_review.php

Functionalities:

- All users are able to view all the reviews that have been posted
- Customers are able to add new reviews
- Customers can edit and delete reviews that they have posted from their account
- Admins and employees cannot add new reviews
- Admins can delete reviews

### **Carol Geng: Menu Items**

Files:

- item.php
- food.php
- edititem.php
- additem.php
- deleteitem.php

Functionalities:

- All users are able to view the menu
- Admins are able to delete, edit, and add items to the menu
- Customers and employees can not modify the menu in any way