

Restaurant Order Management System



Agenda

- Introduction
- EER Diagram
- Class Diagram
- Implement
- Conclusion



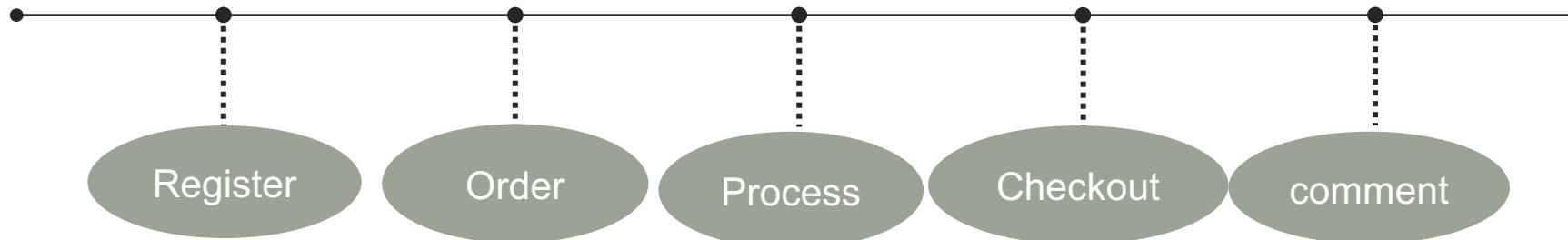
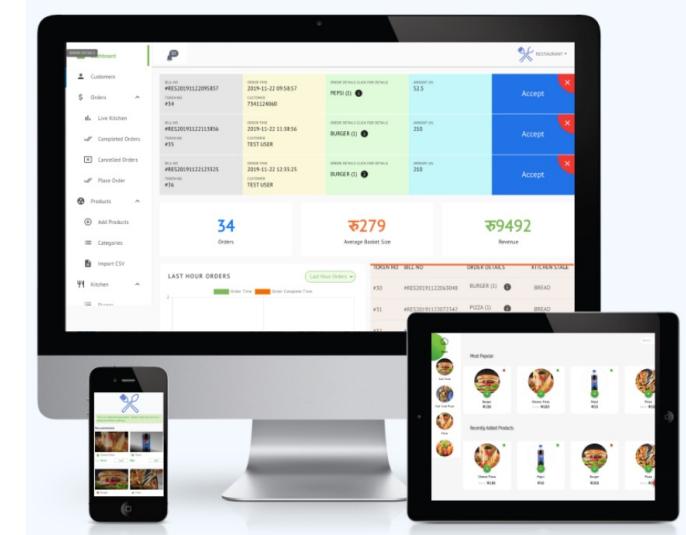
Introduce

The Business can:

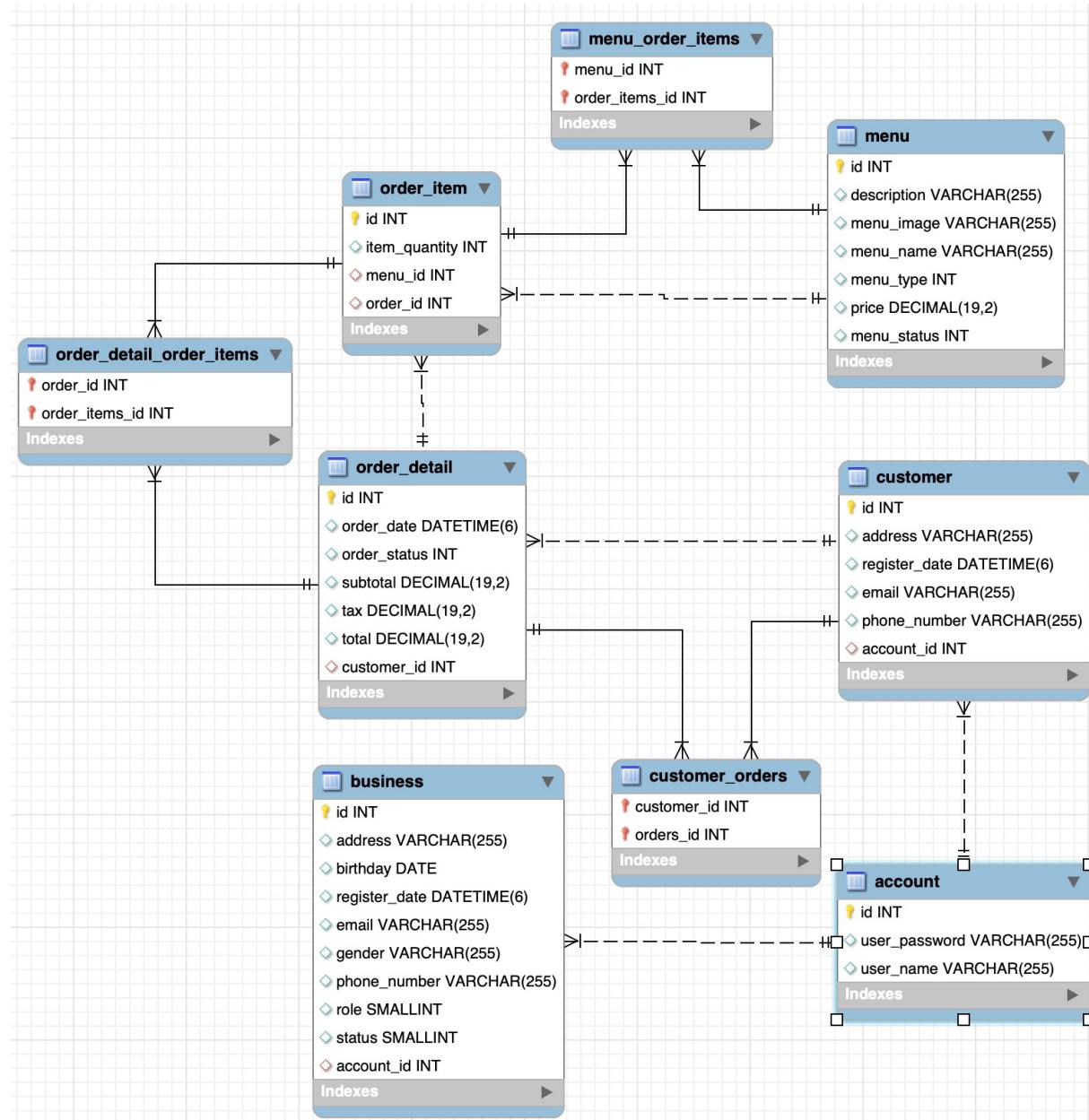
- Manage menu: add, delete, modify, query
- Manage user
- View pending orders
- View all orders

▪ The Customer can:

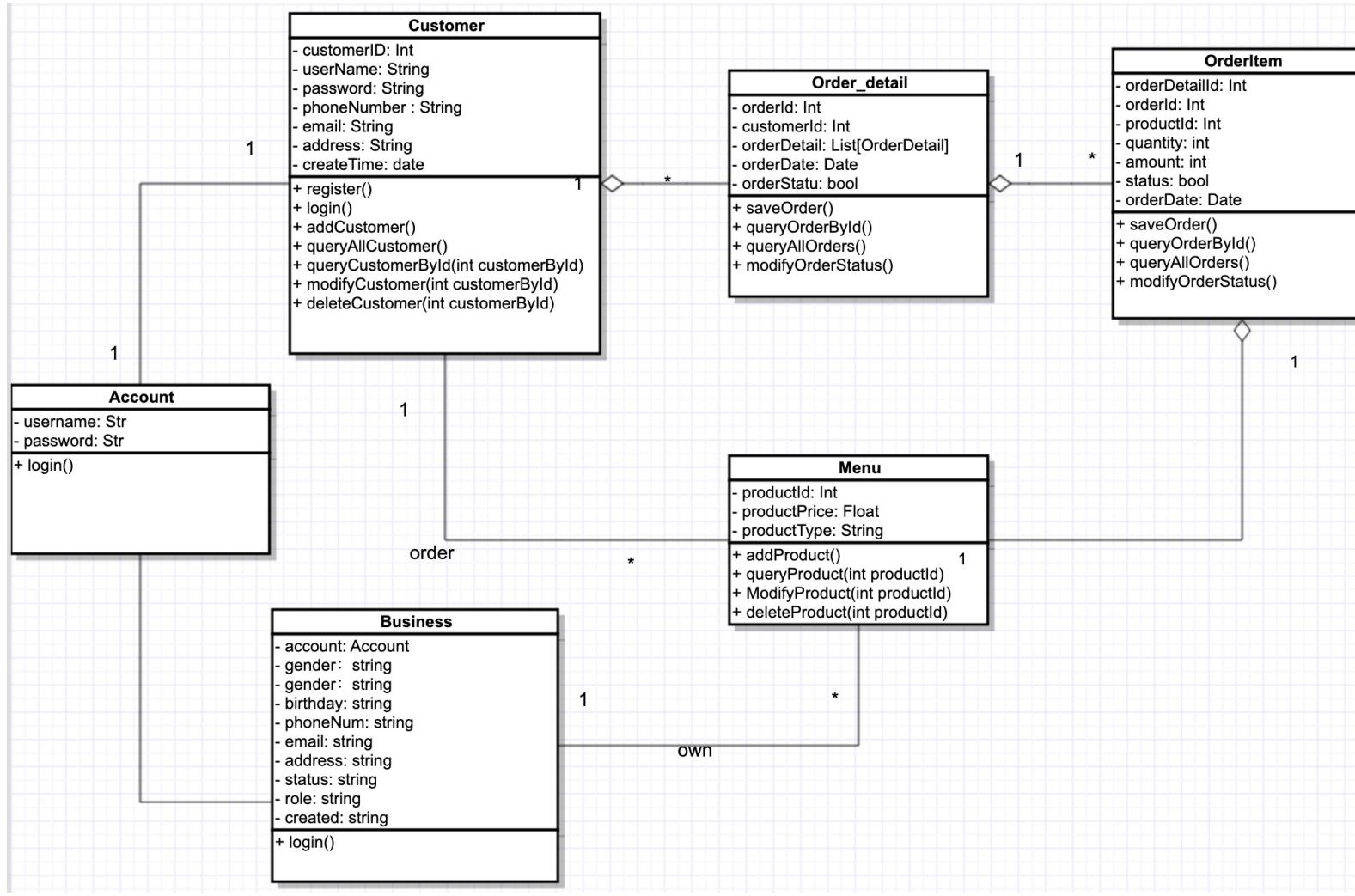
- Edit own information
- Order the menu
- Track order: order status, order detail and history order information



EER Diagram



Class diagram Explanation



Implement

- Front-end: Html CSS Ajax Bootstrap5
- Back-end: Springboot JPA
- Database: Mysql



Customer Client

- Login
- Register
- Edit Customer Information
- Place Order
- View all Orders

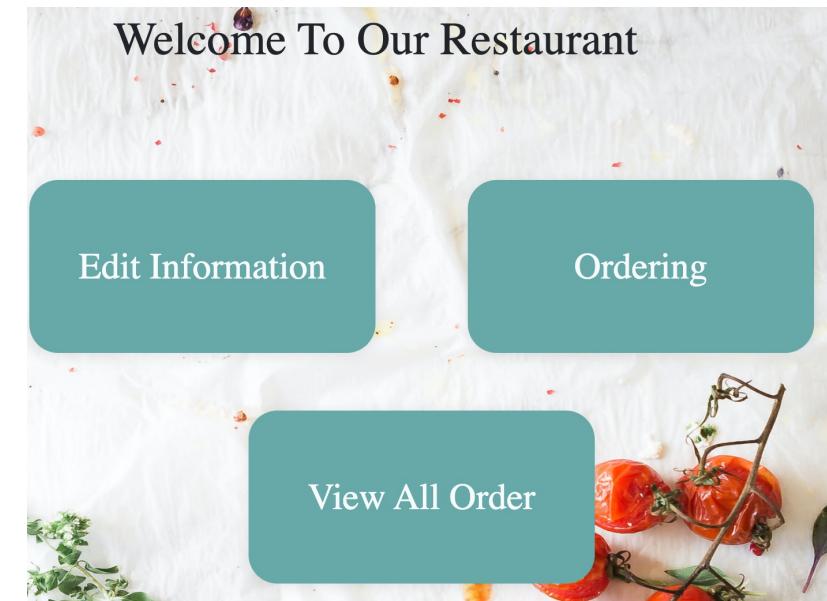
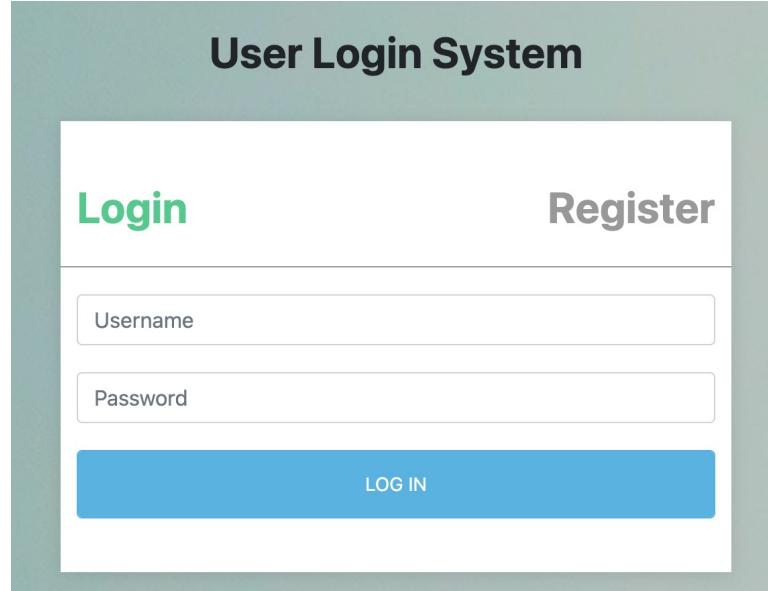
User Login System

Login Register

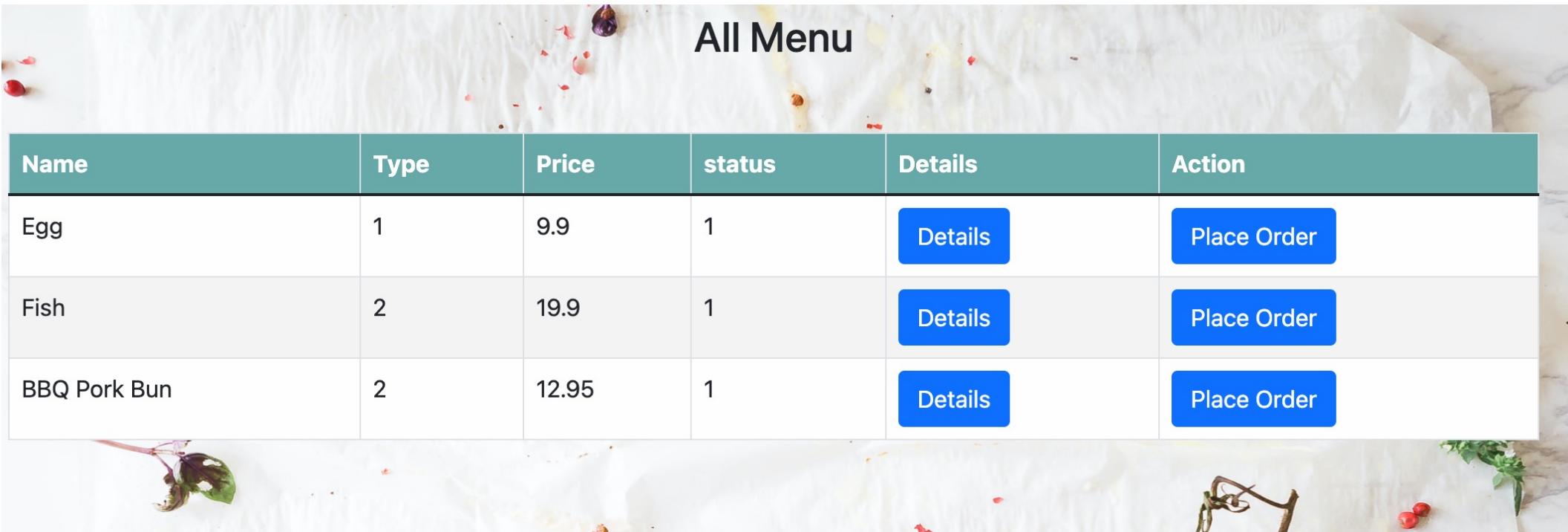
Username

Password

LOG IN



Place Order



All Menu

Name	Type	Price	status	Details	Action
Egg	1	9.9	1	Details	Place Order
Fish	2	19.9	1	Details	Place Order
BBQ Pork Bun	2	12.95	1	Details	Place Order



Business Client

- Login
- Menu Management
 - Add menu
 - Edit menu
 - delete menu
- Customer Management
 - Add customer
 - delete customer
- Order Management
 - Pending orders
 - All orders

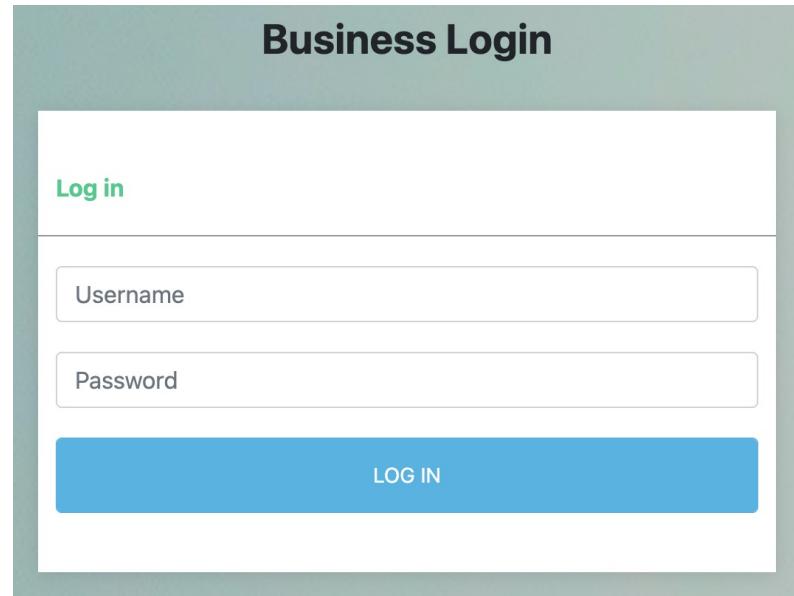
Business Login

Log in

Username

Password

LOG IN

A screenshot of a business login interface. It features a light blue header with the title "Business Login". Below it is a white rectangular form with a thin grey border. The form has two input fields: one for "Username" and one for "Password", both with placeholder text. At the bottom is a large blue button with the text "LOG IN" in white capital letters.

User Management

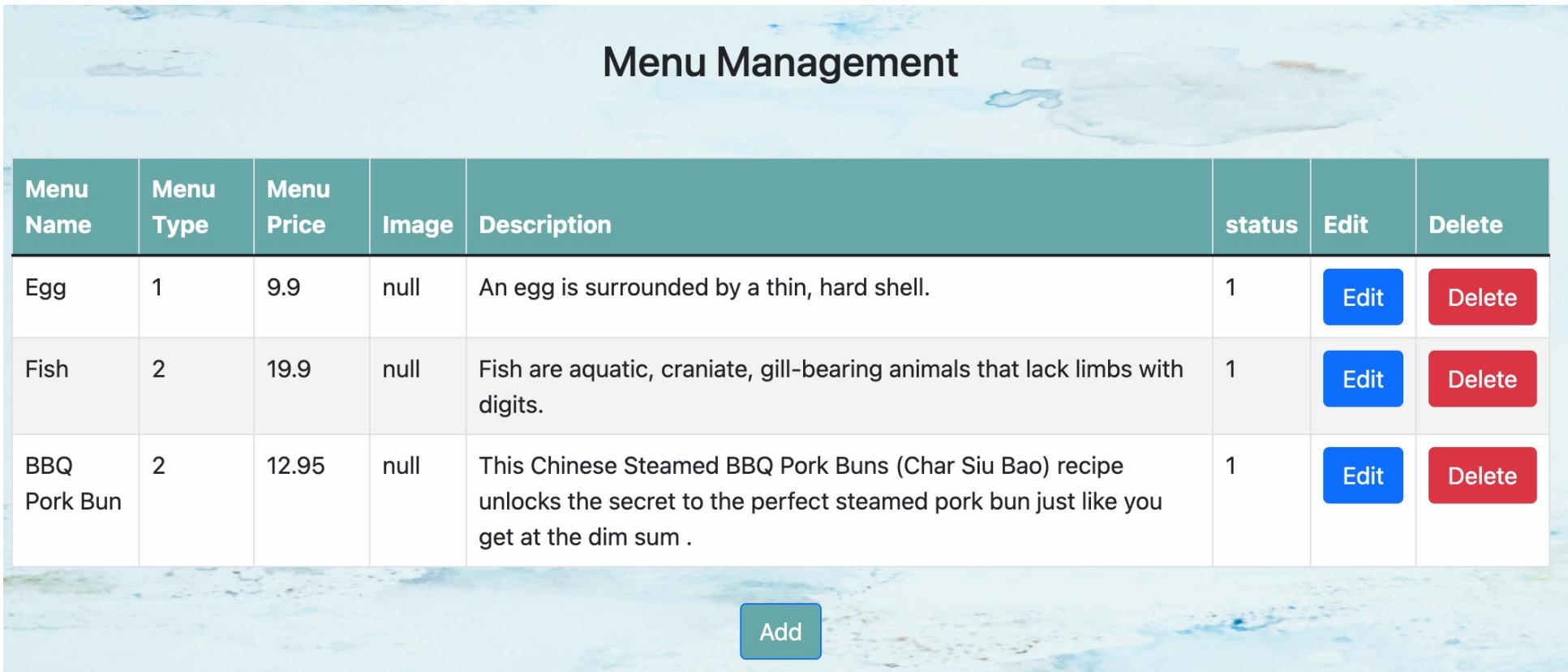
User Management

userName	phoneNum	email	address	created	Operator
ling	925-888-2876	ling@gmai.com	Fremont	2022-04-20 17:14:58	<button>Delete</button>
Judy	925-777-6735	Judy@gmai.com	San Jose	2022-04-20 17:15:46	<button>Delete</button>
Peter	826-734-9035	peter@gmail.com	Central Commons	2022-04-20 17:17:24	<button>Delete</button>
Nancy	887-999-2345	nancy@gmail.com	Fremont	2022-04-20 17:18:03	<button>Delete</button>
Chen	987-2345	chen@gmail.com	Wisconsin	2022-04-20 17:19:17	<button>Delete</button>

Add



Menu Management



Menu Management

Menu Name	Menu Type	Menu Price	Image	Description	status	Edit	Delete
Egg	1	9.9	null	An egg is surrounded by a thin, hard shell.	1	<button>Edit</button>	<button>Delete</button>
Fish	2	19.9	null	Fish are aquatic, craniate, gill-bearing animals that lack limbs with digits.	1	<button>Edit</button>	<button>Delete</button>
BBQ Pork Bun	2	12.95	null	This Chinese Steamed BBQ Pork Buns (Char Siu Bao) recipe unlocks the secret to the perfect steamed pork bun just like you get at the dim sum .	1	<button>Edit</button>	<button>Delete</button>

Add



Pending Order

Pending Order						
Customer Name	Phone Number	Order Status	Order Subtotal	Order tax	Order total	Order created
ling	925-888-2876	1	9.9	0.99	10.89	2022-04-20T17:34:15.937439
ling	925-888-2876	1	19.9	1.99	21.89	2022-04-20T17:34:19.333824
ling	925-888-2876	1	12.95	1.29	14.24	2022-04-20T17:34:22.278263
Judy	925-777-6735	1	19.9	1.99	21.89	2022-04-20T17:35:16.466066



History Order

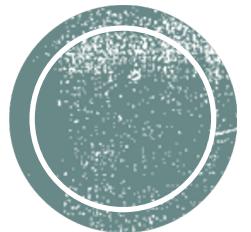
History Order						
Customer Name	Phone Number	Order Status	Order Subtotal	Order tax	Order total	Order created
ling	925-888-2876	1	9.9	0.99	10.89	2022-04-20T17:34:15.937439
ling	925-888-2876	1	19.9	1.99	21.89	2022-04-20T17:34:19.333824
ling	925-888-2876	1	12.95	1.29	14.24	2022-04-20T17:34:22.278263
Judy	925-777-6735	1	19.9	1.99	21.89	2022-04-20T17:35:16.466066



Conclusion

- Order management system provide business a digital way to manage restaurant.
- ER diagrams analyze existing databases to find and resolve problems in logic or deployment.





Thank you!

