Fish R Us
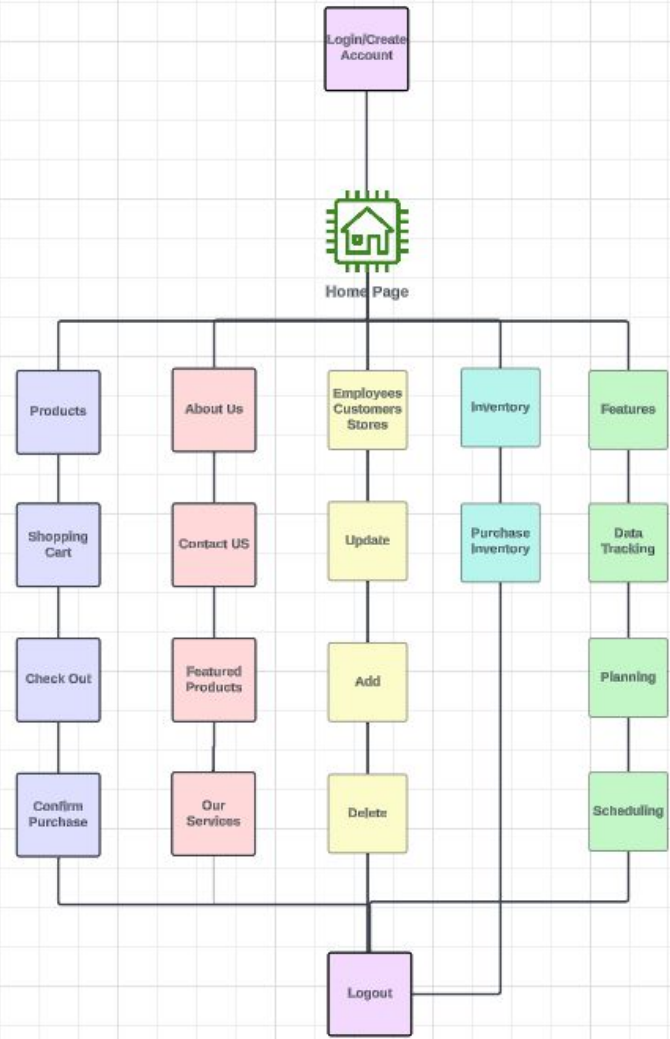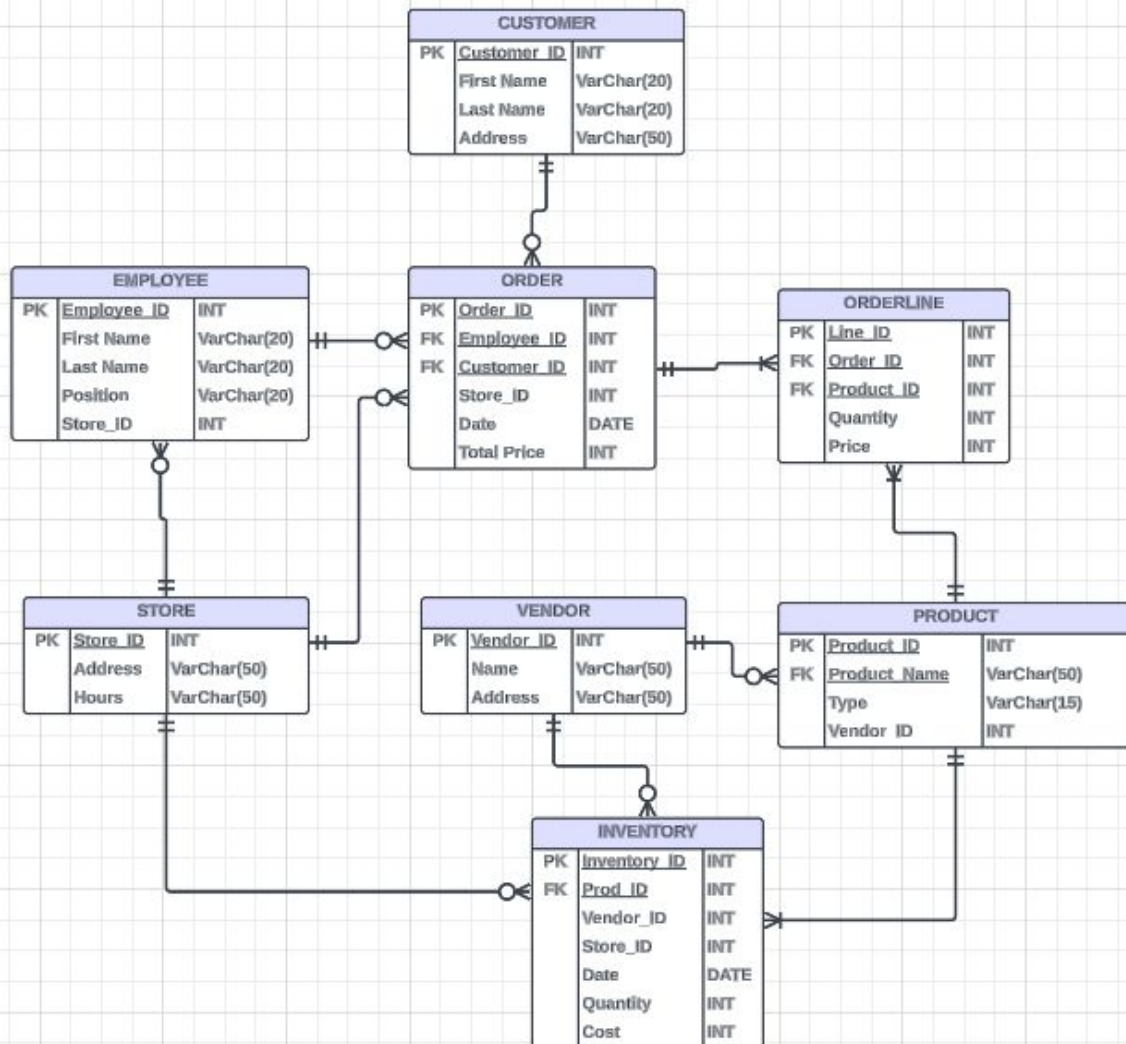
By: Raeya Wyness, Corey Campbell, Taylor Hendrickson, and Ryan Brech

Site Map

Login/Create Account

Home Page

Products	About Us	Employees Customers Stores	Inventory	Features
Shopping Cart	Contact US	Update	Purchase Inventory	Data Tracking
Check Out	Featured Products	Add		Planning
Confirm Purchase	Our Services	Delete		Scheduling

Logout

ERD

CUSTOMER

PK	Customer_ID	INT
	First Name	VarChar(20)
	Last Name	VarChar(20)
	Address	VarChar(50)

EMPLOYEE

PK	Employee_ID	INT
	First Name	VarChar(20)
	Last Name	VarChar(20)
	Position	VarChar(20)
	Store_ID	INT

ORDER

PK	Order_ID	INT
FK	Employee_ID	INT
FK	Customer_ID	INT
	Store_ID	INT
	Date	DATE
	Total Price	INT

ORDERLINE

PK	Line_ID	INT
FK	Order_ID	INT
FK	Product_ID	INT
	Quantity	INT
	Price	INT

STORE

PK	Store_ID	INT
	Address	VarChar(50)
	Hours	VarChar(50)

VENDOR

PK	Vendor_ID	INT
	Name	VarChar(50)
	Address	VarChar(50)

PRODUCT

PK	Product_ID	INT
FK	Product_Name	VarChar(50)
	Type	VarChar(15)
	Vendor_ID	INT

INVENTORY

PK	Inventory_ID	INT
FK	Prod_ID	INT
	Vendor_ID	INT
	Store_ID	INT
	Date	DATE
	Quantity	INT
	Cost	INT

CRUD

Process	Employees	Customers	Administrators	Orders	Inventory
Create user account	CRUD	C	CRUD		
Update user information	CRUD	CRUD	RUD		
Update product information	CRUD		CRUD		RU
Update order status	RUD	R	RUD	CUD	
Create product listing	CRUD		CRUD		
Update order data	RUD		RUD	U	U

Use Case Model
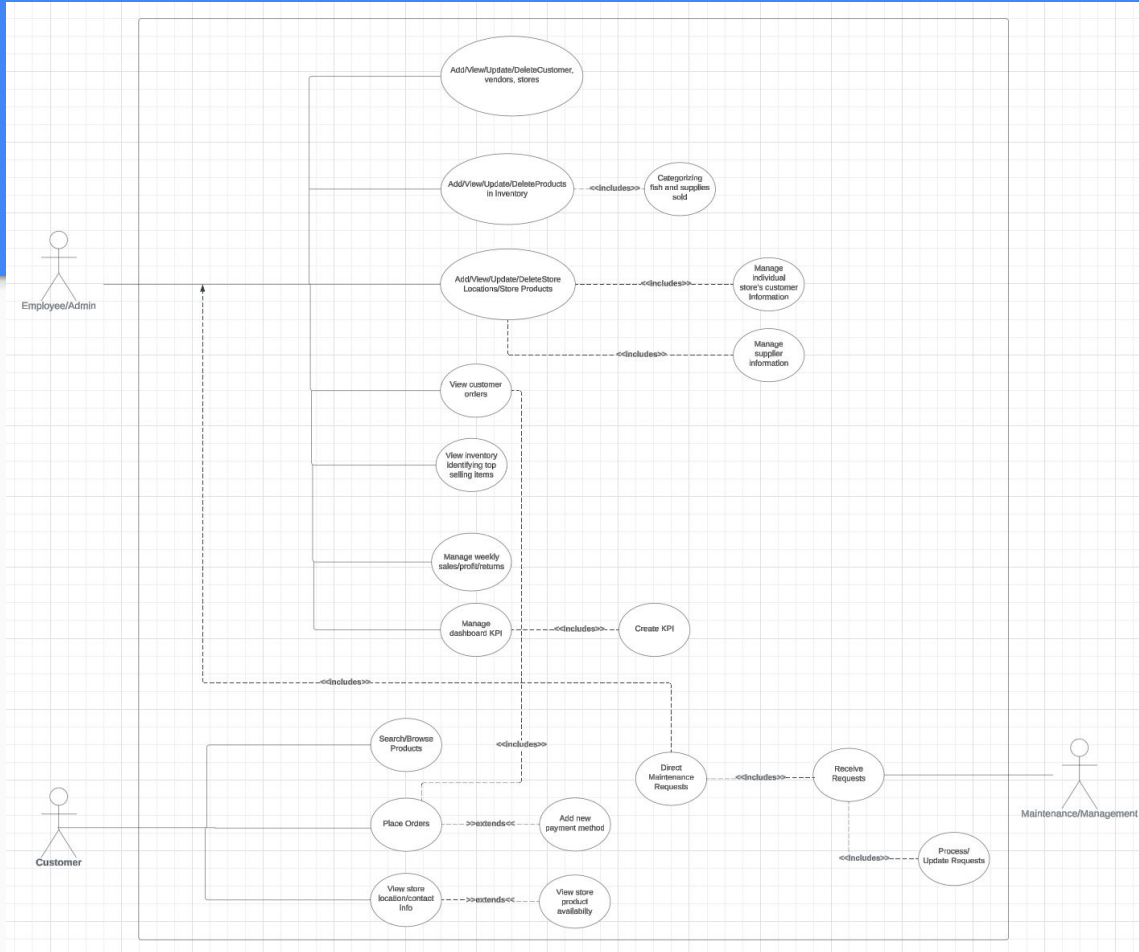
Wire Frames

View Stores

Enter Store Address/Number...

Store #

Address:

Phone Number:

Management:

Update   Delete

Store #

Address:

Phone Number:

Management:

Update   Delete

Account

Name:

Email:

Password: *******

Reset Password?

Add/ Create Payment Method:
• Card ending in 1234
• + New Card

Past Orders

• View Payment History

Delete Account   Update

Wire Frames

Your Cart:

Product

Order Summary:
Delivery:
# of products:
Total cost:

Continue →

Add new Payment Method

Card number

XXXX XXXX XXXX XXXX

Security code

Card owner

Exp

MM

YYYY

Total Amount

Confirm

Documentation

1. *Is the business/organizational objectve(s) achieved?* **Yes, our business and organizational objectives have been achieved** in the creation of our online fish store, Fish R Us. The website has been built so that all aspects of e-commerce from the buyer to seller are optimized, organized, and efficient. The website effectively showcases the store's fish and supplies, providing customers with the ability to easily browse products and make purchases. The website's management capabilities allow the business to efficiently handle inventory, track sales, and manage customer orders.

2. *How did you incorporate ethics/critical thinking in your application?* To ensure transparency and a comfortable user experience, we provide accurate product information and pricing details, **giving customers the information to make informed decisions**. Additionally, our security measures are implemented to safeguard customer data and protect privacy, showing our **commitment to ethical data handling**. Moreover, our interface design focuses on optimizing the user experience with easy navigation, clear communication, and intuitive features that **ensure a smooth purchasing process.**