

# Fish and Friends Aquarium Supply Store Database

CST363 Intro to Databases Final Project

## Group Members

John Lester

Brittany Mazza

Matthew Valancy (Crenshaw)

Ashley Wallace

## Project Description

Fish and Friends is America's premiere aquarium supply store. Our database keeps track of important business information as well as general store information like inventory levels and the status of fish tanks in our store.

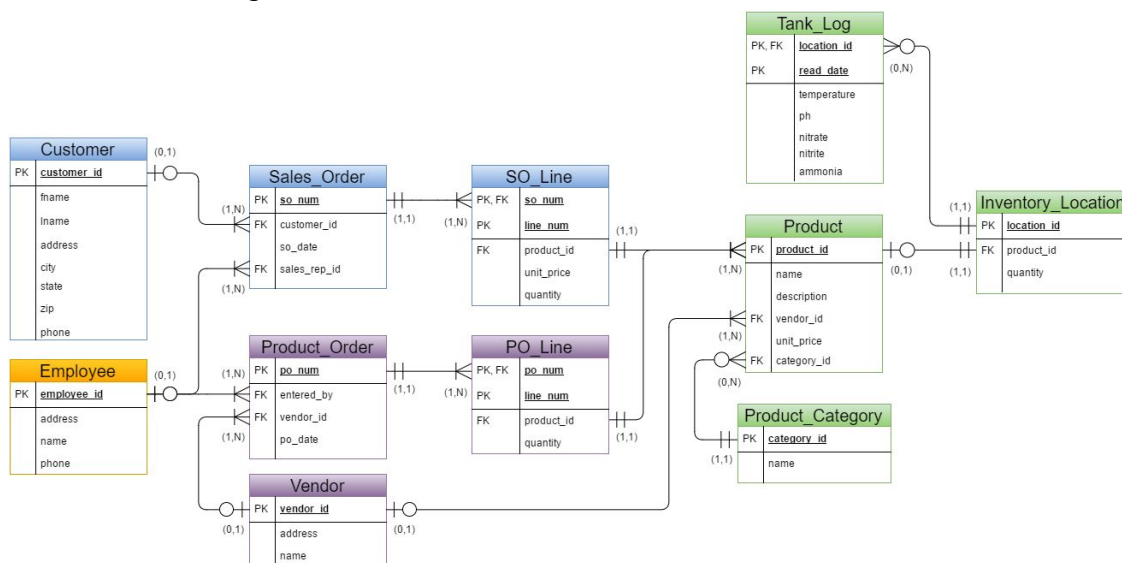
## Project Files

All files below are available on our [project github page here](https://github.com/BITsoft-CSUMB/CST363_Final_Project).

([https://github.com/BITsoft-CSUMB/CST363\\_Final\\_Project](https://github.com/BITsoft-CSUMB/CST363_Final_Project))

## Entity Relationship Design

AquariumStoreERD.svg



## **Database Setup**

createFishStore.sql: Creates all of the tables for our store.

seedFishStore.sql: Adds values to the tables of our store.

## **Main Menu**

queryFishStore.sql: Provides a main menu with options for different queries and data input

## **Menu Options**

productLookup.sql: Get the products' name, description and price with the product ID.

employeeLookup.sql: get employee name, number, address, and phone number

tankStatusLookup.sql: Provides a status update on water quality alerts for each parameter of interest to fish health.

tankStatusInput.sql: Manually add fish tank water quality data including pH, temperature, ammonia(ppm), nitrate(ppm), and nitrite(ppm).

createCustomer.sql: Create a new customer record.

createInvoice.sql: Create an invoice.

salesLookup.sql: Get sales order number, date, customer, rep and items ordered

vendorLookup.sql: Get a vendor's name, address, and products carried based with the vendor ID.

customerLookup.sql: Get a customers' name, address, and phone number.