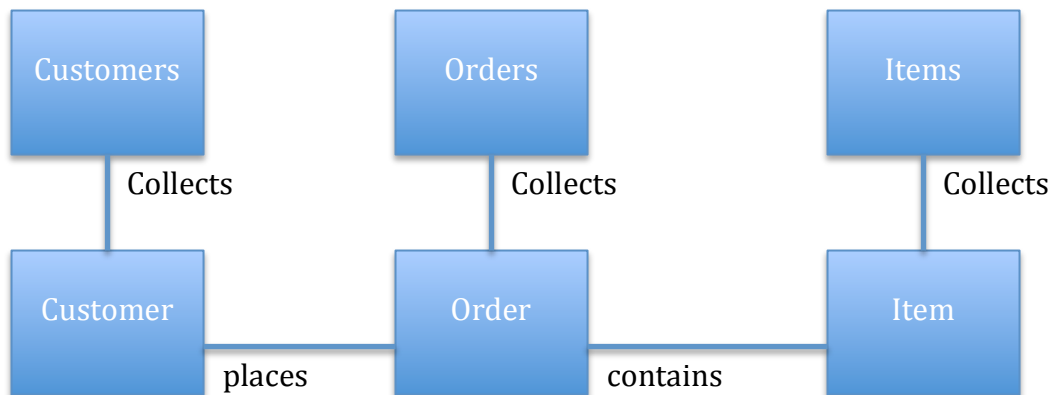


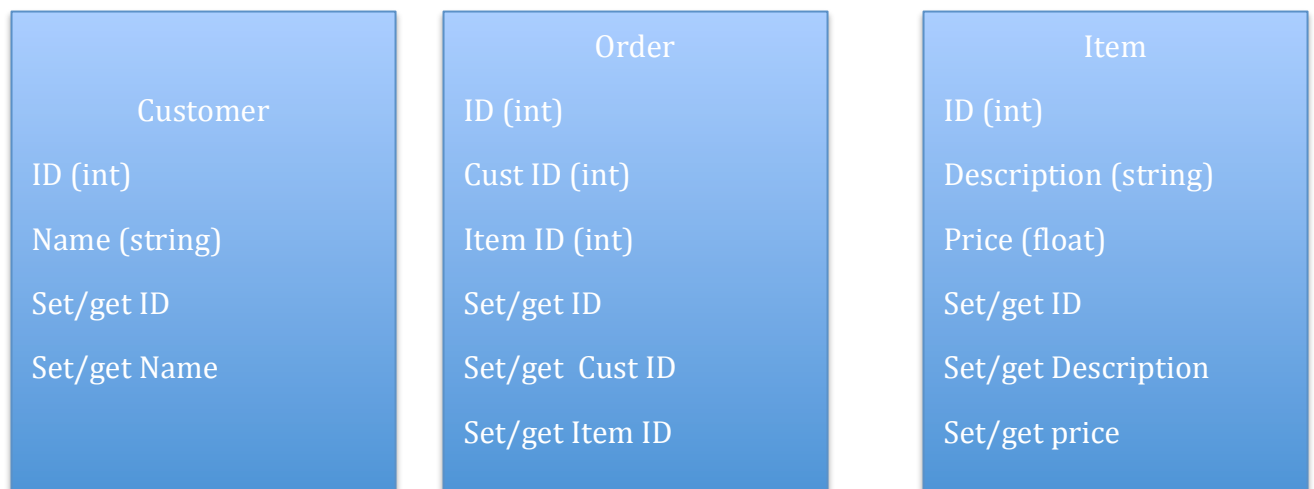
CSCE 1040 Homework 3

Example Design Document

Class Relationships



Class Contents



Customers
Count (int)
Custlist (vector)
Add Customer
Edit Customer
Delete Customer
Find Customer
Print Customers

Orders
Count (int)
Orderlist (vector)
Add Order
Edit Order
Find Order
Delete Order
Print Orders (by ID, by name, all)

Items
Count (int)
Itemlist (vector)
Add Item
Delete Item
Edit Item
Find Item
Print Items

Function Pseudo Code (not all defined – examples only)

For this design there would be pseudo code for at least 17 methods

Add Customer

Prompt user for ID
 Prompt user for name
 Create customer Object
 Populate Object
 Add object to collection

Add Order

Prompt user for item
 prompt user for customer
 get/create order id
 create order object
 populate order object
 add object to collection

Print orders by name

Prompt for customer name
 Find customer by name (return ID)
 Search all orders (by customer ID)
 if customer ID matches order
 print order details