INSTANT GROCERY DELIVERY SYSTEM

Project Summary: An online marketplace system where consumers can search and order groceries & daily need items across multiple stores in their city and get everything delivered to their doorstep within a day. The local stores can create, maintain and list their product catalogue and item prices in the system. The marketplace operator (Admin) manages the system and handles the delivery requests

DEMO

Use Case 1: Register Customer

Use Case 2: Add Product

DESIGN PATTERNS

MVC- Model View Controller

- Model – Manages Logic, data and business rules of the application

- View – Representation of processed information.

- Controller – Accepts the user inputs and commands and pass it on to model or the view.
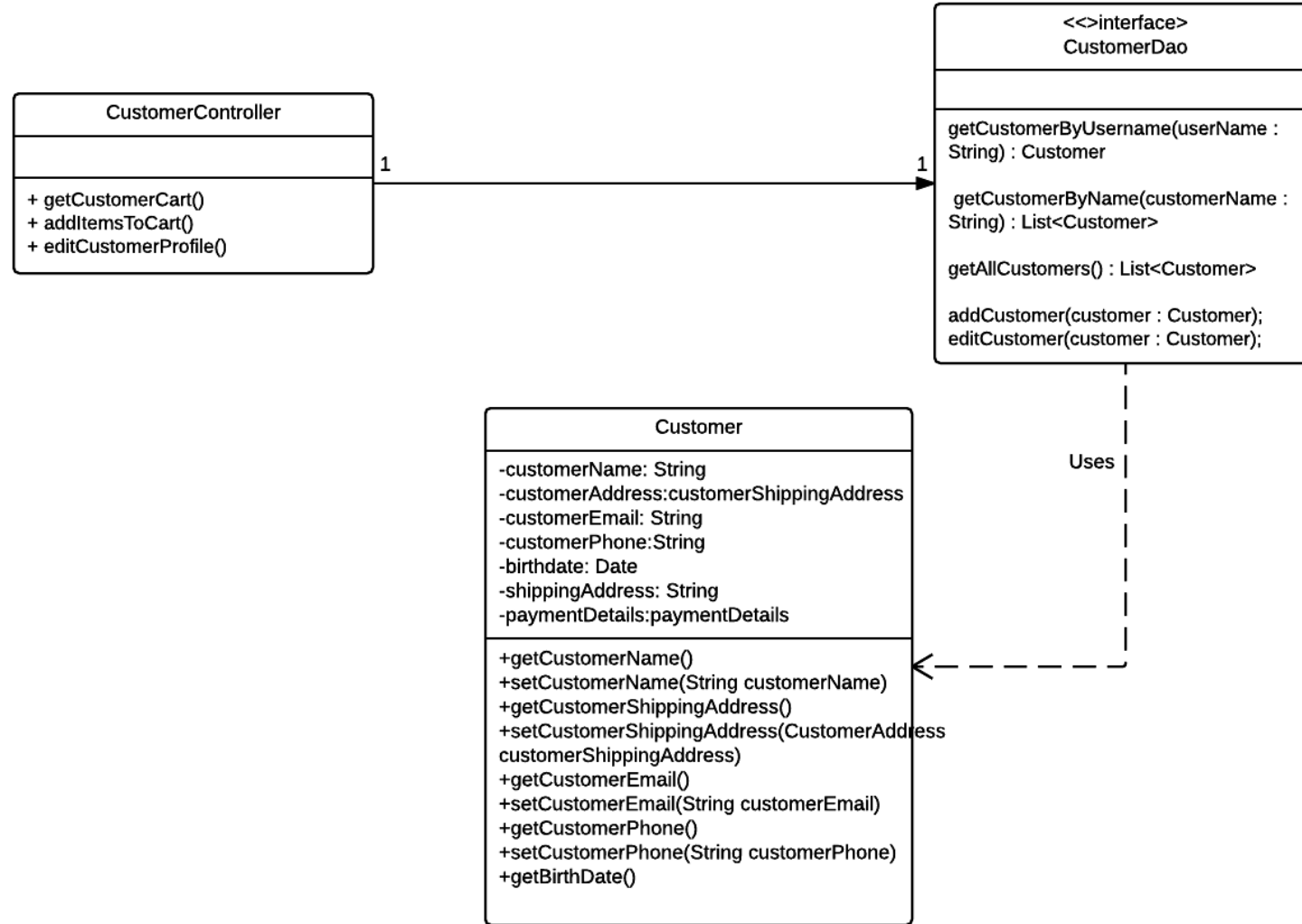
SINGLETON

- Using Data Access Object which are interface to access the database

- How?

  We create only one instance of each DAO object which is the Singleton design pattern

STRATEGY

- Different Users have different rights
- Allows to select different logics on the fly
- Ex: Add product – Only Store Manager can do it.

CustomerController

+ getCustomerCart()
+ addItemsToCart()
+ editCustomerProfile()

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<<>interface>
CustomerDao

getCustomerByUsername(userName : String) : Customer
getCustomerByName(customerName : String) : List<Customer>
getAllCustomers() : List<Customer>
addCustomer(customer : Customer); editCustomer(customer : Customer);

Uses

Customer

-customerName: String
-customerAddress:customerShippingAddress
-customerEmail: String
-customerPhone:String
-birthdate: Date
-shippingAddress: String
-paymentDetails:paymentDetails

+getCustomerName()
+setCustomerName(String customerName)
+getCustomerShippingAddress()
+setCustomerShippingAddress(CustomerAddress customerShippingAddress)
+getCustomerEmail()
+setCustomerEmail(String customerEmail)
+getCustomerPhone()
+setCustomerPhone(String customerPhone)
+getBirthDate()

THANK YOU

Link To Demo

http://tinyurl.com/hho4akb