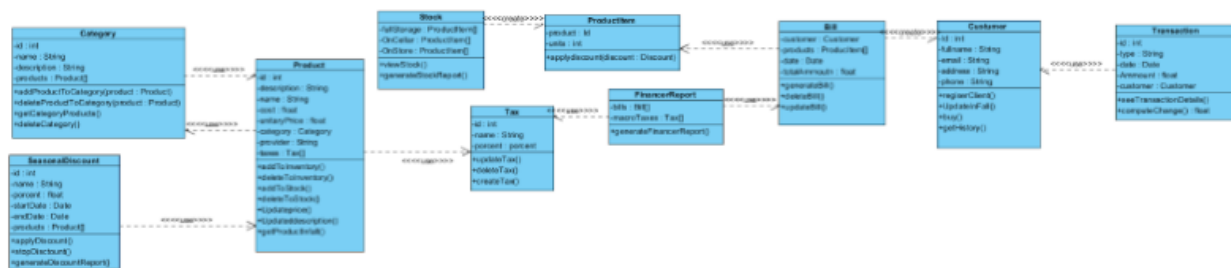


## 2nd Team - Honey BADGERS

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- Eduardo David Garcia Romero

**LINK:** [Homework 5 - Honey Badgers](#)

### UML DIAGRAM



N.	Noun	Correct	Incorrect
1	Viveres Gaby	✓	
2	Province	✓	
3	Canton	✓	
4	Customer	✓	
5	Time	✓	
6	Operator		✗
7	Price	✓	
8	Product	✓	
9	Category	✓	
10	Bills	✓	
11	System	✓	
12	Users		✗
13	Finance Report	✓	
14	Control panels	✓	

15	Transactions	✓	
16	Management		✗
17	Project		✗
18	Grocery store		✗
20	Functionalities		✗
21	Warehouse		✗
22	Inventory control	✓	
23	PDF document		✗
24	Supplier	✓	
25	Tax		✗

### NOUN LIST

26	Website		✗
27	Seasonal Discount	✓	
28	Section		✗
29	Program		✗
30	Key points		✗
31	Promotions		✗
32	Manager	✓	
33	Stock	✓	
34	Base price	✓	
35	Crucial aspects		✗
36	Product Item	✓	
37	Company		✗
38	Business		✗

## CODE

```

Transaction.java 2, U x
06-Code > Objects > Transaction.java > Transaction > se
1 public class Transaction{
2     private int id;
3     private String type;
4     private Date date;
5     private float Amount;
6     private Client Customer;
7
8     public float computerChanyel(){};
9     public void seeTransactionDetails(){
10
11 }
12 }

SeasonalDiscount.java 3, U x
06-Code > Objects > SeasonalDiscount.java > SeasonalDisc
1 public class SeasonalDiscount{
2     private int id;
3     private String name;
4     private float percent;
5     private Date startDate;
6     private Date endDate;
7     private Product[] products;
8
9     public void applyDiscount(){};
10    public void stopDiscount(){};
11    public void generateDiscountReport(){
12
13 }
14 }

Customer.java 9, U x
06-Code > Objects > Customer.java > Customer
1 public class Customer{
2     private int id;
3     private String fullname;
4     private String email;
5     private String address;
6     private String phone;
7
8     private void registerClient(){};
9     private void updateInfo(){};
10    private void buy(){};
11    private void getHistory(){};
12
13 }

FinancerReport.java 2, U x
06-Code > Objects > FinancerReport.java > FinancerReport
1 public class FinancerReport{
2     private Bill[] bills;
3     private Tax[] macroTaxes;
4     public void generateFinancerReport(){
5
6 }

Tax.java 5, U x
06-Code > Objects > Tax.java > Tax
1 public class Tax{
2     private int id;
3     private String name;
4     private int percent;
5
6     private void updateTax(){};
7     private void deleteTax(id);
8     private void createTax(){};
9
10 }

Stock.java 3, U x
06-Code > Objects > Stock.java > ...
1 public class Stock{
2     private ProductItem fullStorage[];
3     private ProductItem OnCellar[];
4     private ProductItem Onstore[];
5
6     public void viewStock(){};
7     public void generateStocReport(){};
8
9 }

```

The screenshot displays four Java source files in an IDE, arranged in a 2x2 grid. The top-left pane shows `Product.java` with a package declaration `06-Code > Objects > Product` and a class `Product` containing private attributes for `id`, `description`, `name`, `price`, `unitaryPrice`, `category`, `provider`, and `taxes`, along with methods `addToInventory`, `deleteToInventory`, and `addToStock`. The top-right pane shows `ProductItem.java` with a package declaration `06-Code > Objects > ProductItem` and a class `ProductItem` with attributes `product` and `units`, and a method `applyDiscount`. The bottom-left pane shows `Bill.java` with a package declaration `06-Code > Objects > Bill` and a class `Bill` with attributes `customer`, `products`, and `date`, and methods `generateBill`, `deleteBill`, and `updateBill`. The bottom-right pane shows `Category.java` with a package declaration `06-Code > Objects > Category` and a class `Category` with attributes `id`, `name`, `description`, and `products`, and methods `addProductToCategory`, `deleteProductToCategory`, `getCategoryProducts`, and `deleteCategory`. The IDE interface includes a sidebar on the right with icons for Explorer, Search, and Run and Debug, and a status bar at the bottom showing 'Ln 9, Col 2', 'Spaces: 4', 'UTF-8', 'LF', and 'Java'.

```
Product.java 2, U
06-Code > Objects > Product.java > Product > taxes
1
2 public class Product {
3     private int id;
4     private String description;
5     private String name;
6     private float price;
7     private float unitaryPrice;
8     private Category category;
9     private String provider;
10    private Tax[] taxes;
11
12    public void addToInventory();
13    public void deleteToInventory();
14    public void addToStock();

```

```
ProductItem.java 9, U
06-Code > Objects > ProductItem.java > ...
1
2 public class ProductItem {
3     private int product;
4     private int units;
5     public void applyDiscount(Discount d)
6 }

```

```
Bill.java 3, U
06-Code > Objects > Bill.java > ...
1
2
3 public class Bill {
4     private Customer customer;
5     private ProductItem[] products;
6     private Date date;
7     private float totalAmount;
8     public void generateBill();
9     public void deleteBill();
10    public void updateBill();
11 }

```

```
Category.java 3, U
06-Code > Objects > Category.java > Category
1 public class Category {
2     private int id;
3     private String name;
4     private String description;
5     private Product[] products;
6
7     public void addProductToCategory(ProductItem p)
8     public void deleteProductToCategory(ProductItem p)
9     public void getCategoryProducts();
10    public void deleteCategory();
11 }

```

Ln 9, Col 2 Spaces: 4 UTF-8 LF Java