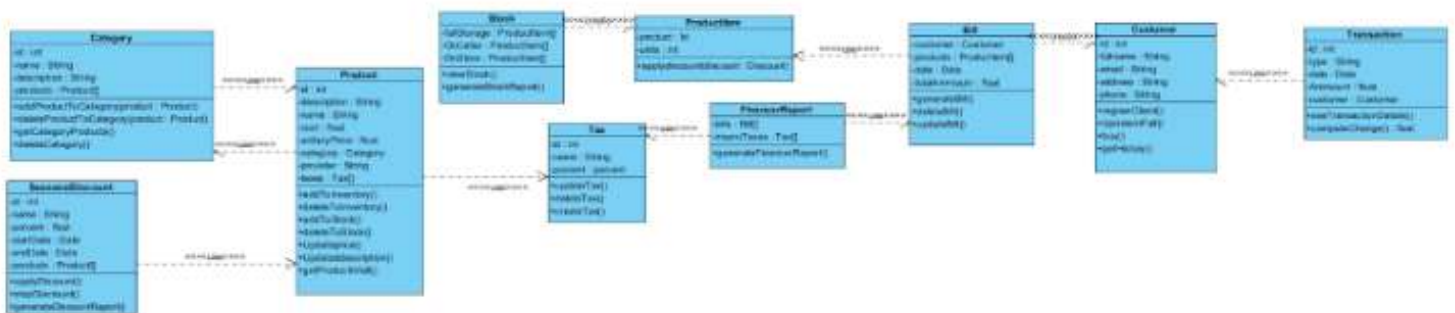


2nd Team - Honey BADGERS

- Alex Dario Cuzco Yamasca
- Stefany Maricela Diaz Antun
- Mateo Jaren Garcia Galarza
- Eduardo David Garcia Romero

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

UML DIAGRAM



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 }

SeasonalDiscount.java 3, U X

08-Code > Objects > SeasonalDiscount.java > SeasonalDiscr

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 }

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 adress;
6 private String phone;
7
8 private void registerClient(){};
9 private void updateInfall(){};
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 6, 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(){};
8 private void createTax(){};
9 }

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 }

Product.java 2, U ✕

08-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 deleteFromInventory(){};
14    public void addToStock(){};
```

ProductItem.java 3, U ✕

08-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 ✕

08-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
12 }
```

Category.java 3, U ✕

08-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(Product p)
8     public void deleteProductToCategory(Product p)
9     public void getCategoryProducts(){};
10    public void deleteCategory(){};
11
12 }
```

N.	Noun	Correct	Incorrect
1	Viveres Gaby	✓	
2	Province	✓	
3	<u>Canton</u>	✓	
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		

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		×