นาย บัญชา นนพละ B5814824
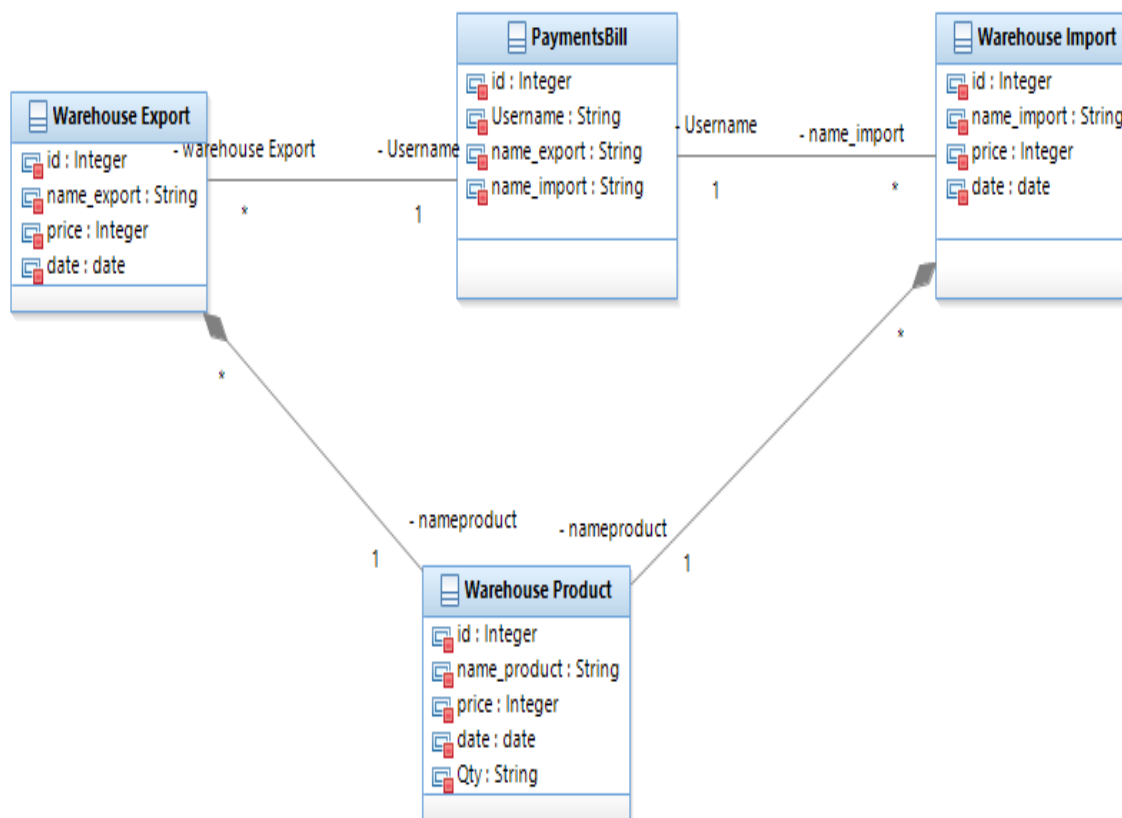
No. 12 ระบบร้านรับซื้อของเก่า

Class Diagram Analysis(Warehouse Use Case)

No.12 ระบบร้านรับซื้อของเก่า

Entity application Source Code

นาย บัญชา นนพละ B5814824 Group2

```java
package com.example.demo;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class DemoApplication {

    public static void main(String[] args) {
        SpringApplication.run(DemoApplication.class, args);
    }
}
```

No.12 ระบบร้านรับซื้อของเก่า

Entity PaymentsBill Source Code

นาย บัญชา นนพละ B5814824 Group2

```java
1    package com.example.demo.entity;
2    import lombok.*;
3    import javax.persistence.Entity;
4    import javax.persistence.*;
5    import javax.persistence.GeneratedValue;
6    import javax.persistence.Id;
7    import java.util.*;
8    @Entity
9    @Data
10   @Table(name = "paymentsBill")
11   public class PaymentsBill{
12       @Id
13       @GeneratedValue
14       private @NonNull Long pay_id;
15       private @NonNull String userName;
16       //private @NonNull String name_import;
17       //private @NonNull String name_export;
18   @OneToMany(mappedBy="paymentsBill",cascade = CascadeType.ALL)
19   private List<WarehouseImport> warhouseImport = new ArrayList<>();
20
21   @OneToMany(mappedBy="paymentsBill",cascade = CascadeType.ALL)
22   private List<WarehouseExport> warhouseExport = new ArrayList<>();
23
24
25       protected PaymentsBill(){}
26
27       public PaymentsBill(String userName){
28           this.userName = userName;
29   //   this.name_import = name_import;
30   //   this.name_export = name_export;
31
32       }
33
34
35   }
```

No.12 ระบบร้านรับซื้อของเก่า

Entity WarehouseProduct Source Code

นาย บัญชา นนพละ B5814824 Group2

```java
package com.example.demo.entity;
import lombok.*;
import javax.persistence.Entity;
import javax.persistence.*;
import javax.persistence.GeneratedValue;
import javax.persistence.Id;
import java.util.*;
@Entity
@Data
public class WarehouseProduct{
    @Id
    @GeneratedValue
    private @NonNull Long product_id;
    private @NonNull String name_product;
  //  private @NonNull String price;
   // private @NonNull Date date;
    //private @NonNull String Qty;
@OneToMany(mappedBy="WarehouseProduct",cascade = CascadeType.ALL)
private List<WarehouseImport> warhouseImport = new ArrayList<>();

@OneToMany(mappedBy="WarehouseProduct",cascade = CascadeType.ALL)
private List<WarehouseExport> warhouseExport = new ArrayList<>();

    protected WarehouseProduct(){}

public WarehouseProduct(String name_product){
        this.name_product = name_product;
    // this.price = price;
    // this.date = date;
    // this.Qty = Qty;

    }


}
```

No.12 ระบบร้านรับซื้อของเก่า

Entity WarehouseImport Source Code

นาย บัญชา นนพละ B5814824 Group2

```java
1    package com.example.demo.entity;
2    import lombok.*;
3    import javax.persistence.Id;
4    import javax.persistence.JoinColumn;
5    import javax.persistence.ManyToOne;
6    import javax.persistence.Table;
7    import javax.persistence.GeneratedValue;
8    import java.util.Date;
9    import javax.persistence.Entity;
10   import javax.persistence.FetchType;
11   @Entity
12   @Data
13   @Table(name = "WarehouseImport")
14   public class WarehouseImport{
15       @Id
16       @GeneratedValue
17       private @NonNull Long import_id;
18       private @NonNull String name_import;
19   // private @NonNull String price;
20       //private @NonNull Date date;
21   //manytoone  with PaymentsBill
22   @ManyToOne(fetch = FetchType.LAZY)
23   @JoinColumn(name= "pay_id")
24   private PaymentsBill paymentsBill;
25   //manytoone  with warehouseproduct
26   @ManyToOne(fetch = FetchType.LAZY)
27   @JoinColumn(name = "product_id")
28   private WarehouseProduct warehouseProduct;
29   protected WarehouseImport(){}
30   public WarehouseImport(String name_import){
31           this.name_import = name_import;
32       //    this.price = price;
33       //  this.date  = date;
34       }
35   }
```

No.12 ระบบร้านรับซื้อของเก่า

Entity WarehouseExport Source Code

นาย บัญชา นนพละ B5814824 Group2

```java
package com.example.demo.entity;
import lombok.*;
import javax.persistence.Id;
import javax.persistence.JoinColumn;
import javax.persistence.ManyToOne;
import javax.persistence.Table;
import javax.persistence.GeneratedValue;
import javax.persistence.Entity;
import javax.persistence.FetchType;
@Entity
@Data
@Table(name = "WarehouseExport")
public class WarehouseExport{
    @Id
    @GeneratedValue
    private @NonNull Long export_id;
    private @NonNull String name_export;
   // private @NonNull String price;
   // private @NonNull Date date;
//manytoone   with PaymentsBill
@ManyToOne(fetch = FetchType.LAZY)
@JoinColumn(name = "pay_id")
private PaymentsBill paymentsBill;
//manytoone   with warehouseproduct
@ManyToOne(fetch = FetchType.LAZY)
@JoinColumn(name = "product_id")
private WarehouseProduct warehouseProduct;
protected WarehouseExport(){}
public WarehouseExport(String name_export){
        this.name_export = name_export;
   //   this.price = price;
     // this.date = date;

    }

```