

SHOP MANAGEMENT APPLICATION(UML)

1. The employee class contains the data and the member functions that the employee can perform. Below is its class structure.

Employee
-firstname:string -lastname:string -phone:string -hireDate:string -position:string -salary:float -username:string -password:string
+login(username:string,password:string):bool +registerEmployee(firstname:string,lastname:string,phone:string,hireDate:string,position:string,salary:float,username:string,password:string):void +add_product(name:string,product_id:string,price:float,quantity:int):void +view_products():void +sales_report():void

2. The customer class contains the data and the member functions that the customer can perform. Below is its class structure.

customer
-firstname:string -lastname:string -username:string -password:string
+login(username:string,password:string):bool +registerEmployee(firstname:string,lastname:string,username:string,password:string):void +view_products():void +search_product(product_name:string):void +get_product_price(product_id:string):float +buy_product(product_id:string,quantity:int):void