

# Water Refill and Billing System

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## **I. Background and Description**

**Water Refill and Billing System is an easy-to-use desktop application that streamlines the water ordering and pricing process. The application's intuitive interface allows users to enter the desired amount of water and instantly know the exact cost based on the pricing information provided. The Water Refill and Billing System is a comprehensive desktop application that offers a variety of features to improve your user experience and streamline your water ordering process. One of its main features is the ability for users to log into the system and create their own accounts. By entering the desired username and password, the user can securely access the application and use its various functions.**

**After successfully logging in, users are presented with an easy-to-use interface where they can specify their water requirements. It is a system that allows you to freely choose the amount of water. Whether it's a few liters for personal use or a large volume for commercial purposes, water systems take into account different needs and preferences.**

**This application is notable for accurately calculating the total price of water orders based on the amount entered. Using the pricing information provided, the system quickly performs the necessary calculations, eliminating the need for manual calculations and ensuring accurate and reliable results.**

**However, it is important to note that, while the water refill system can handle order computations and user account management, it does have certain limitations. For example, the program does not have the capacity to handle online payments directly within the system. Instead, we focus on delivering accurate pricing information and making the purchase procedure as simple as possible.**

## II. Program Structure

```
ne.showMessageDialog(parentComponent: LoginSignupSystem.this, message: "Signup failed.");
```

```
ame(String username) {  
    new design(username);  
    = {b: true};  
  
tring[] args) {  
    later(new Runnable() {  
        {  
            ne = "";  
            stem loginSignupSystem = new LoginSignupSystem(username);  
            stem.setVisible(b: true);  
        }  
    });  
}
```



Image1  
Login and Signup Page

The desktop application shows the login and Signup page where the user can register new account and access the Water Refill and Billing System where the user can choose from the menu.

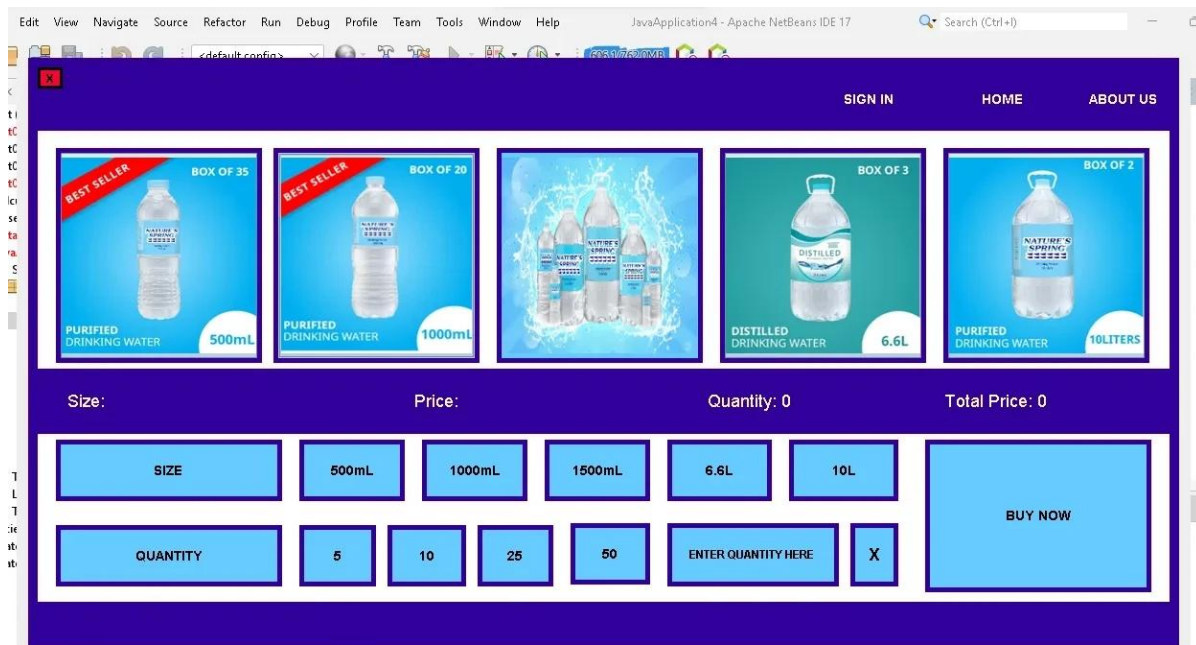


Image 2  
Menu Page

After logging in, the user will be directed to the Menu Page, which will display the available sizes of water as well as their respective prices; the user can enter the desired size and quantity, and the system will automatically calculate the total bill for the user's order after the user clicks the Buy button.

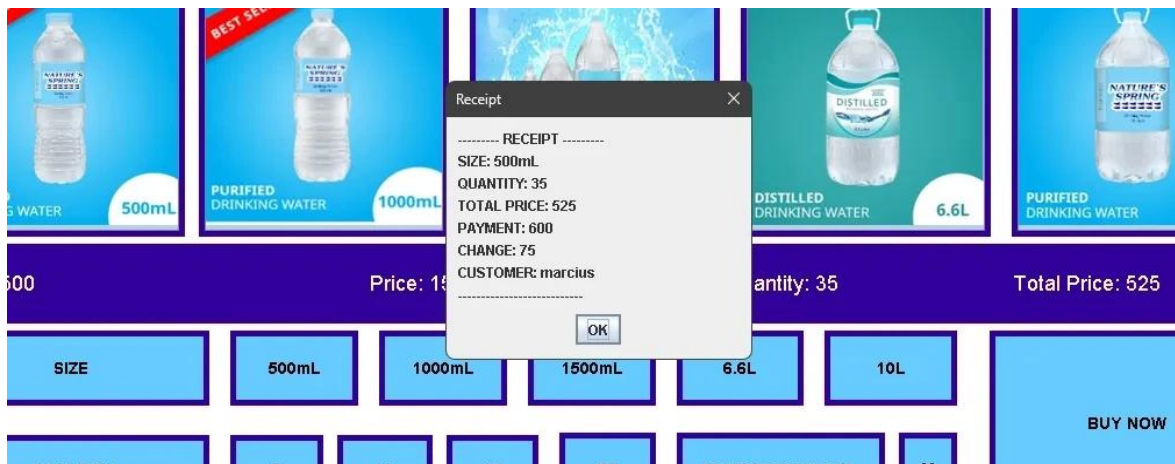


Image 3  
Receipt page

After users enter the size and amount of water they want and click the buy button, the system automatically calculates the total bill and takes them to a receipt page where they can see detailed transaction information.

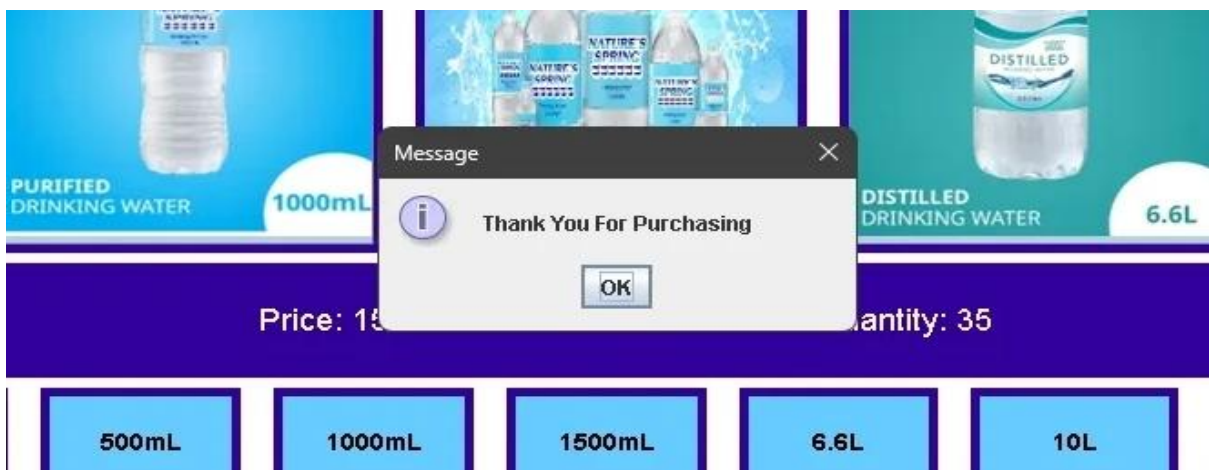


Image 4  
Appreciation and Acknowledgment note

When the transaction is completed, the Receipt page turns into an Appreciation Note.

### **III. Repository**

Repository Name: