

1. For each Principle of Universal Design, write 2-5 sentences or point form notes explaining which features your program adhere to that principle. If you do not have any such features, you can either:

Our program follows the Simple and Intuitive Use principle indeed. On each button, there are instructions like “refresh”, “New Order”, “Login”, which are clear to provide guides for users. Apart from that, the program provides effective prompting and feedback during and after task completion, such as a popup window that appears when a new order is placed successfully. In addition, our program has good tolerance for errors. For example, if a user types in a username that does not exist or register with an empty username, a popup window indicating that the action is illegal appears. This helps the user learn about their wrong/intended actions. After that, the program can run again without quitting. Our program does not require too much memory from computer, which obeys the size and space for approach and use principle. We place the button of the steps in our program in a specific order that is most convenient for customers to click with least physical efforts, which make the program follow low physical effort principle.

We could implement the program under different operation systems, such as Android, IOS iPadOS etc., not only on the laptop platform. Even further, we may choose to develop a webpage application to make sure the program is useful and marketable to people with diverse devices. In the future, we could also make the background and wallpaper of our program changeable according to users’ idea, which makes the program flexible to be used. We may add the voice assistance that will read the content of the program panel out loudly to make the program follow the perceptible information principle.

2. Write a paragraph about who you would market your program towards if you were to sell or license your program to customers. This could be a specific category such as "students" or vaguer, such as "people who like games". Try to give a bit more detail along with the category.

This inventory management system program aims at the medium/small company that requires inventory and does not have efficient inventory control method. This company will process a lot of orders from customers in a day while only has one inventory. Furthermore, our program can be used as a manager system for school’s teaching appliance as well.

3. Write a paragraph about whether your program is less likely to be used by certain demographics. For example, a program that converts txt files to files that can be printed by a braille printer are less likely to be used by people who do not read braille.

Our program is less likely to be used by the company that requires optimized delivery among multiple inventories. This kind of function needs the algorithm to deliver goods from the closet inventory to customers' addresses.