

Ariha Kapoor

ShoppingBill: Invoice Constructor

Part 1- Documentation

The program I have created is referred to as “Invoice Constructor”. The program's overall goal is to provide aid to a vendor, who has intentions of creating an invoice specifically for the store Fits by Ariha. The program will request for information regarding a purchase. In this the vendor would document all needed details, product ID, price, quantity, product name, and through this information a proper invoice would be compiled. There is already a cemented portion in the invoice Constructor, where it would show the name of the store and its location as well as a goodbye segment in which it says “Thank you for Shopping.” Additionally there is a prebuilt calculator in the program that would calculate sales tax and place it where the totaling is done up the purchase.

The targeted audience that would utilize this program can vary. For instance, I specifically designed it for retail stores that are creating invoices for customers. However I now see that this program can be employed by many other stores such as grocery and convenience stores. This is because the invoice Constructor requests for basic information which can be altered according to the products sold at each location. To give an example, grocery stores can list fruits and vegetables as their product name, whereas the product name for retail stores can be listed as dresses. Hence the targeted audience is not necessarily a retail store, however can be utilized by any one person who has the intent of creating an invoice.

Strength-wise, I believe this program is very efficient and useful to a wide genre of people. Additionally, this program constructs a standard invoice which is user readable and friendly. However there are many weaknesses in this program. For instance when you exceed 10,000 on the

quantity section there may be an error built. Additionally I feel aesthetics wise that the Invoice Constructor could use some help. It is not built in the most appealing way, as it is very straightforward, colorless and lacks design. Regardless of this, I do believe that the program can get the job done.

If I were to do future development on this program I would be sure to include additional factors that can be placed into the invoice. I already have included the date and the time, however there would be a place where the salesperson/waitress can be listed as well as a tip section. This would allow better implementation for businesses such as the restaurant business. In regards to looks, there would be a color and a place allocated to allow the company to include their logo. In the future I intend to make this an application available to other cliente, where they can place their name.

In conclusion my program constructs an Invoice, specifically for Fits by Ariha. However in the future it can be used for other businesses.