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| **Test Case** | **Description** |
| Check Customer data – Existing customer with Loyalty card | Check if the Customer is already in the database. If yes, check if the customer holds a loyalty card. If both the conditions match, calculate 10% of the final bill and subtract the amount from the final bill. |
| Check Customer data – Existing customer willing to sign up for program | If the customer is already in the database and isn’t part of the loyalty program, if willing to sign up for a loyalty card program, fetch and add details of the customer to the loyalty program database. Calculate 15% of the total bill price **for that day** and subtract it from the bill. |
| Check Customer data – Existing customer, No loyalty card | If the customer is already in the database and is not part of the loyalty program and also does not want to sign up for it, no discount to be offered. |
| New Customer – New customer, willing to sign-up for program | Fetch and add the details of the customer to the database and if customer is willing to join the loyalty program, add details to the loyalty program database as well. Calculate 15% of the **bill for that day** and subtract that amount from the bill(offering a 15% discount) |
| New Customer – New customer, no sign-up for program | Fetch and add details of the customer to the database and if the customer is not willing to join the loyalty program, bill amount is intact. No changes made to the bill. |
| Discount Coupon – Existing customer, has discount coupon, is a part of the loyalty program | If the customer is an existing customer, has a discount coupon and is a part of the loyalty program, subtract 28% from the final bill(successive discounts of 10% and 20% is equal to a single discount of 28%) |
| Discount Coupon – Existing customer, has a discount coupon, not a part of the loyalty program | If the customer is an existing customer and is not a part of the loyalty program, subtract 20% from the total bill. |
| Discount Coupon – New customer, has a discount coupon, willing to sign-up for loyalty program, | If the customer is a new customer and is willing to sign up for the loyalty program, discount coupon is invalid. Subtract 15% of the total bill amount from the bill. This is the bill a to be paid |
| Discount Coupon – New customer, has a discount coupon, doesn’t want to sign-up for loyalty program | If the customer is a new customer and does not want to sign up for the loyalty program, subtract 20% from the bill. This is the amount to be paid. |

2. The argument is fairly reasoned as the location matters a lot for a business to either prosper or perish. Another reason to this is that the Auto repair business is kind of a necessary business while a beauty parlor is a luxury. People can get with their day to day lives without going to a beauty parlor frequently but cannot go on without getting their vehicle repaired. That is one strong reason why Ronnie prospered while Jenny did not. Coming back to the location of the business, Jenny’s new location might have residents who have low income or not a very sound income to frequently go to the parlor.

Another argument would be the name that is, the people talking about the parlor. Since the parlor is fairly new, people would be taking reviews before going there so in the initial year, it is all about getting a good name so the volume of the customers would be less. While in the auto repair business, it is necessary for a person who has a broken down vehicle to get it repaired so name does not factor a lot.

So yes, the location change for Jenny will affect her business but also, the kind of business she does and the reviews she’s going to get(good/bad) also determines whether her business will prosper or not.

3. I would check for the following things:

* Should have rechargeable battery so that the hassle of replacing batteries is eliminated.
* The design should be ergonomic.
* The mouse sensor should work on most surfaces and it should not only work on mousepads
* The mouse should have an option to change DPI
* Should have a software that will help in configuring the buttons on the mouse(customizing the buttons)