HIMANSHU YADAV

17BLC1089

VIT Chennai

Q1-You need to write as many test cases as possible for a simple software program which computes the

eligible discount for a customer. Try to describe all possible scenarios in a tabular format. Do not worry

about ‘login’ kind of test cases, and just focus on how you will validate discount calculation. These are the

rules.

If the customer is new, and they are willing to sign up for a new loyalty card, they get a 15% discount on all their

purchases on the day. Second if they are an existing customer and hold a loyalty card, they get a 10% discount.

Third, if they have a discount coupon, they will get 20% off which cannot be used with the new customer discount

but can be used with loyalty card discount. Discount amounts are added, if applicable.

Ensure

1. Ensure that Admin is able to add coupon code.
2. Check each new user get 15% discount on the purchase.
3. Ensure that if error message will be displayed if new user add addition discount coupon code
4. Ensure old customer get 10% of discount and 20% if they have additional discount coupoun.
5. Ensure that error message will be displayed if mandatory fields leaves empty.
6. Ensure coupoun code is deleted from server once it is redeemed, so that it cant be used again.
7. If complete order is cancelled then return all the coupouns.
8. If partial order is cancelled then new rates to be calculated accordingly.
9. Ensure that Admin is able to generate bulk coupon codes..
10. Ensure that Admin is able to select the code length.
11. Ensure that Admin is able to select coupon code as active/inactive.
12. Ensure that error message will be displayed for invalid /expired dates.
13. Ensure that Admin is able to see active/inactive coupon codes.
14. Ensure that Admin is able to delete coupons.

Q2-The following appeared as part of an article in the business section of a local newspaper:

“Ronnie’s Auto Repair Shop commenced business four months ago at the location formerly occupied by the Jenny’s

Beauty Parlour. Ronnie’s Auto must be doing well at this location, because it intends to open a big shop in an adjacent

town. Jenny’s, on the other hand, has seen a lower volume of business in its first year at its new location compared to

the prior year at its former location. Jenny’s definitely erred in shifting to its new location; its former location is a better

site.”

Discuss how well reasoned you find this argument. In your discussion be sure to analyse the line of reasoning and

the use of evidence in the argument. For example, you may need to consider what questionable assumptions

underlie the thinking and what alternative explanations or counterexamples might weaken the conclusion. You can

also discuss what sort of evidence would strengthen or refute the argument, what changes in the argument would

make it more logically sound, and what, if anything, would help you better evaluate its conclusion.

Ans

Jenny is correct to a great extent, she has build her name in he previous location with her hardwork.

The people in that locality knows her very well as well as her work. In Beauty parlour main customer are ladies and they are less into travelling to far away places than getting it done in nearby location.

Whereas auto repair shop have chances to grow in the new location also because auto repair shop can have equal chances to run as long as it is easily reachable and near to the high traffic area. Because when a vehicle get shut down people get it reapired it in the nearest place no one tow it different place.

Whereas beauty parlour is optional type of thing and people with choose it very carefullt.

Q3) How will you test a wireless mouse? What are the different things you will test and check before

you can say that it is a good quality wireless mouse?

1. Verify that left-click and right-click buttons are working fine.
2. Check if the double click is working fine.
3. Verify the time duration between two left clicks, in order to consider it as a double click.
4. Check if the scroller is present at the top or not.
5. Verify the speed of the mouse pointer.
6. Check the pressure required for clicking the mouse buttons.
7. Verify the acceleration of the mouse pointer.
8. Verify that clicking the button and dragging the mouse operation is working fine(drag and drop functionality).
9. Check the dimension of the mouse, if it’s suitable to grip and work.
10. Verify that the mouse works in all the allowed surfaces.
11. In wireless mouse, check the range up to which the mouse remains operational.
12. In the case of a wireless mouse, check the battery requirement of the mouse.
13. Check if there is an option to switch on or off mouse.