

LeadSquared

Position-Quality Assurance

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Q1) As per given question given the set of condition and their combination thus, out of all the type of test case design (Black Box design Technique) can be solved through “**Decision Table Technique**”.

We have to check for multiple conditions, combinations and the rules. Here we check with Multiple input's conditions are taken as input. Finally, actions are taken as output.

Conditions for loyalty card as per Following condition

a) New Loyalty Card 15% off	b) Existing Customer 10% off	If the user having the Coupon 20% off
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Thus Total number of Testcase = 2^3 (number of conditions) = 8

(Number of conditions=3)

Test case Table

\Rules Condition	Rules 1	Rules 2	Rules 3	Rules 4	Rules 5	Rules 6	Rules 7	Rules 8
New loyalty Card (15% off)	True	True	True	True	False	False	False	False
Existing Customer Card (10% off)	True	True	False	False	True	True	False	False
User having coupon (20% off)	True	False	True	False	True	False	True	False
Result	[X] Invalid	[X] Invalid	35% off (15+20)%off	15% off	30% off	10%off	[x] Invalid	[x] Invalid

Thus, we get 100% test Coverage using Decision Table Technique

Explanation:

In rule 1 and rule 2 column user can't be new, old user thus invalid.

In rule3 user is Old user and having coupon thus user can avail 35%off

In Rule4 user is only new user thus can avail 15% off

In Rule 5 user is Old user and having coupon thus user can avail 30%off

In Rule 6 user is Old user thus can avail 10%off

In Rule 7 user can't have its invalid case because user need to be new or old user

In Rule 8 user all the case are false thus invalid in all case

Q2)

The author of an article concludes that, location in general, both are concerned as they want to make their business successful in their respective fields. As evidence, the author cites the fact that selection of location by either by auto repair or by parlour had specialised their both range of selection of new location.

The author further points out that the auto repairer had moved to the new location since he wanted to expand his shop and would make profit in the new location. And the beauty parlour in its new location as previously shop been occupied by auto repairer and she is not getting profit as like her previous shop.

This argument is unconvincing.

To begin with, the argument relies on the assumption that the beauty parlour and attitudes of customers at these two locations reflect those of people generally. But the two businesses, all located in the same area of a single community, just might serve a client whose service differ greatly from repair to salon in areas often by community or in other communities. The generalization that the author draws from a possibly biased sample cannot be considered reliable.

In addition, services at these locations do not necessarily reflect the profit and service attitudes of their customers in the way the author claims. For example, we are not informed about how well the repairer are making profit relative to past location and new location alternatives. Similarly, it is possible that at new location repair services would not make enough profit when compared to previous shop as investment on the new equipment would be more than previous location, and also the rent to pay to new shop would be higher as mentioned that new shop is bigger in size as in the same town.

And also, the author said Jenny is not making as profit as in her previous location. Maybe she moved to bigger place than her previous location where expenditure would be more in new location when compared to previous one. Author did not even mention what margin was her previous location investment and by what margin she would make profit. Things would have been clearer if the author would have mentioned exact amount she actually spent and the profit she would make out of it.

Finally, the author assumes that the financial conditions of the owners of the two business were caused by a general lack of concern with location. However, it is equally possible that the repairer is having financial success in new location, was caused by mismanagement or increasing overhead cost. Furthermore, it is possible that repairer would generating little business, but its owners were already moved to their new location before they opened this Salon or are making their money in other concurrent business endeavours.

In conclusion, the author's evidence is too weak to support any conclusion about general dietary trends.

Before we can accept the conclusion, the author must provide evidence from a representative sample of auto repair service businesses and must clearly show that his new location has increasing customer than previous. The author must also provide evidence that the financial conditions of the owners of the two locations were actually caused by a general waning concern with location of services by both Jenny and Ronnie.

Q3)

To test wireless mouse, it should have required features:

- A) How strong firms are?
- B) Does it have USB Plug (type)
- C) Optical sensor type
- D) Battery mode (either rechargeable or non-rechargeable)
- E) Latency rate of the Mouse
- F) Key Format
- G) Frequency should be unique.
- H) Compatible with any OS
- I) Shouldn't Malfunction
- J) Steadiness of mouse

Built-in physical Material testing:

- 1) Mouse must have Comfortable design feel lighter, with a soft design and sleek aesthetic.
- 2) Sweat- Resistant Coating for smooth experience for long time.
- 3) Shape for the ultimate comfort of use.
- 4) It should be symmetrical and suitable for both left and right hand.
- 5) Must have convenient control-easy to reach forward and backward buttons, thus switching over tabs faster.

Mouse Configuration Checks

- 1) If the mouse does not operate in safe mode, you must check the mouse hardware and the port to which the mouse is connected
- 2) If the correct driver for the installed mouse is not available, you must install one from the manufacturer.

All this are quality of Good wireless mouse working in any OS

Thank you!!