**Online Delivery Services**

Online delivery services of flowers, cakes, plants, and gifts are a convenient way of purchasing the goods without having to go to the shop. The service works with the help of the Internet. The internet connects the store with customers. By visiting the website or through the mobile app of the store, people can make purchases and delivery online

Online ordering and delivery systems enable customers and shops to manage things easily. While your customers can easily place orders and get their desired products delivered at their convenience, you can keep your shops organised and serve more customers.

**Research**

* As we see through daily experiences of online delivery, many people face problems due to low availability and connectivity of shops as many of the products are not available at our nearby places.
* To solve this issue, we can create a system where all the products are available to everyone. There is no need to reach out to Shops every time.
* To build this system we can make online delivery system more advance or modify by adding some conditions.
* To make such modifications we can use the switch simulator in online apps.

**Analyze**

* Now to make some modifications we get help from switch simulator system.

What is switch simulator system? –

* Switch Simulator is designed in order to provide means for fast and efficient online messaging between the domestic institutions and the banks. In this manner, it is possible to overcome problems such as; connection problems of test systems for testing the changes of messaging standards, allocation problems of resources for performing test at both sides, mutual synchronization problems, and financial charge of tests to-be performed.
* In simple terms if we take example of 0 and 1 condition we know that
* If there are two outcomes possible which can be positive or negative
* So the positive one is mentioned as 1 and the negative is mentioned as 0

Now how we can implement this on our problem –

* As through the example of stimulation of operations based on electrical switch. We could see many daily life examples based on this.
* Just like the example of electrical switch where we added 1 for on and 0 for off, we can add many such conditions for online ordering system.
* As many face the problem while placing the order, especially in case of payments we would make it easier for the customer to know the steps and give information about payment mode.

**IDEATE**

As this technology simplifies the whole process a business do not have to rely on a customer’s physical presence to process the order.

The customer visits online ordering platform, finally choose their desire product, add selected product to cart with instructors, choose the delivery method so the customer can choose the between online payments and cash on delivery.

So this prospects specifies the extra features for payment.

To ideate such program we will add some conditions to it such as –

* If the distance of delivery is within 5 km – There will be no delivery charges
* If the distance of delivery is greater than 5 km – Delivery charges of 60/- will be cost

**BUILD**

Now after building all the things our code looks as follow –

#include <stdio.h>

#include <math.h>

int main(){

int total\_price;

int total\_price1;

int distance\_in\_km;

int delivery\_charge=60;

printf("\nenter 0 if the total distance is more than 5 km and 1 if total distance is less than 5");

scanf("%d",&distance\_in\_km);

if(distance\_in\_km==1 ){

printf("you have got free delivery!!");

printf("\nenter total price");

scanf("%d",&total\_price1 );

}else if(distance\_in\_km==0){

printf("pay delivery charge of rupees 60 ");

printf("\nenter total price");

scanf("%d",&total\_price );

total\_price1=total\_price+delivery\_charge;

}else{

printf("invalid input");

}

printf("your final price is:%d", total\_price1);

return 0;

}

**TEST**

After we run our code we get the following output –

Enter 0 if the total distance is more than 5 km and 1 if total distance is less than 5

• 1st case:- If we type 0 we get the following response

Pay delivery charge of rupees 60

Which means the delivery range is not within 1 km therefore there will delivery charges of 60/-

And after that we just have to type the total price

Enter total price –

For example if we write 1000 then the final response will be

Your Final price is 1060/-

• 2nd Case:- If we type 1 we will get following response

You have got free delivery!!

As the delivery range is within 1 km and then after entering the total price we will get the final output

Enter total price- 1000/-

Your total price is: 1000

So in the following code works!

**IMPLEMENT**

As now we can say that output is implemented and the code is running accurately and successfully.

This project can be implemented on various online apps such as Swiggy, Zomato, Amazon, Myntra, Flipkart etc.

As we know that Github is used by many people and businessman. So publishing our project on github will help us reach out to various customers.