Bangtan

1. Sabahat Ijaz p16-6055
2. Noormah Omar Khan p16-6040
3. Laiba Gul p16-6117
4. Muhammad Toqeer p16-6069
5. Hamza Bukhari p16-6058
6. Muhammad Hamza
7. Yusaf Khan
8. Ammar Khan
9. Mudassar Athar

**GOALS:**

To build a software for FAST FOOD RESTURANT which would help them in analyzing their sales and control sales and customers and to analyze the best sales and the best customer of the month.

**Top 10 requirements:**

1. Admin login
2. Operator login
3. Remove items, promotions, deals, operators, customer (by admin)
4. Add items ,promotions, deals, operators (by admin)
5. Add customer and sales (by operator)
6. Update items, promotions, deals, operators (by admin)
7. Search for item, sale, and customer.
8. Make bill in PDF format.
9. Make graph based on information in Database
10. Database having Admin, customer, sales and operator information

**Analysis of Project:**

The software will maintain the database for this purpose. Database will have admin ID, Name, Address, Gender, Email, Password. It will record details of the customer like Name, Address, Phone number, Gender, CNIC and points. It will record the details of the operator like Name, ID, Address, Phone number, Gender, CNIC, password. It will record sales based on information like customerName, salesId, ItemId, ItemName, price, quantity, totalBill, Date, Time. The two types of user are operator and admin. We need to assign ID and Password to each operator. So that we can allow them to login to add customer and sales. Operator will enter the information of customer and sales and when it will save the information it will be saved in Database. Database will maintain the tables for customer, sales and operator. And admin will also have the ID and password after verification through database he will be allowed to access and edit the database. He can add/remove and alter the details of operator, deals, items and promotions. He can change the price of an item. When he will hire an operator he will add the details related to him. When he will fire the operator he can remove the record. He can see the sales of the day as well.

Bill will be prepared in PDF format. We are going to need PDF software and the details of the bill will be shared to two printers. One at front door and the other in Kitchen. PC having software will be connected to both the printers and the bill will have details like customersName, salesId, ItemId, ItemName, price, quantity, totalBill, Date, Time and GST (tax). Based on the information being stored, the software will generate graphs as daily sale in month to know which day has greatest sale by using totalSalesPerday and Day. Generate graph for daily sale analysis as the mostly sold item in a day by using items and quantity. Graphs will be generated easily if we maintain tables having information being used in graphs. By using that tables we can analyze which item is sold most and we can have top 3 items. Using sales table we can check top 3 customers. Moreover we will keep track of feedback and adaptation after every iteration

**HR budget:**

**Workers:**

Two Database controller (to create tables for each and every requirement with primary keys)

Two Interface developer (to build the interface in order to interact with database).

**Working hours:**

8am – 8pm

**Days required:**

60 days

**Per iteration time:**

2 weeks

**Person hours:**

2 persons per hour.

We are doing this project because it is feasible and in business domain. We will build this project In sha Allah.