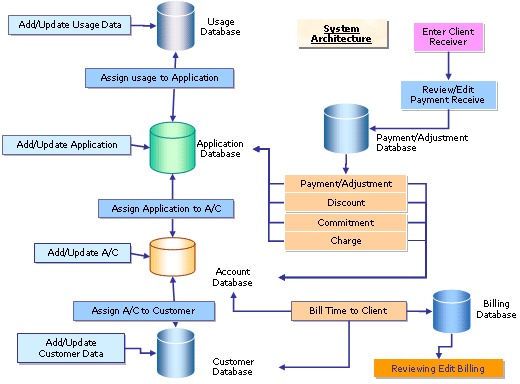
**M1\_\_Customer-Billing-System-APP**

**Discription:**

Customer Billing System Project is a simple console application designed to demonstrate the practical use of C programming language and its features as wells as to generate an application which can be used in any departmental store, shops, cafes etc. for billing to the customer. We can use this application to keep the records such as name, address, mobile number, paid amount, due amount, payment date etc. of your regular costumer. Moreover, if you have a new customer, you can add and edit the account at any time.

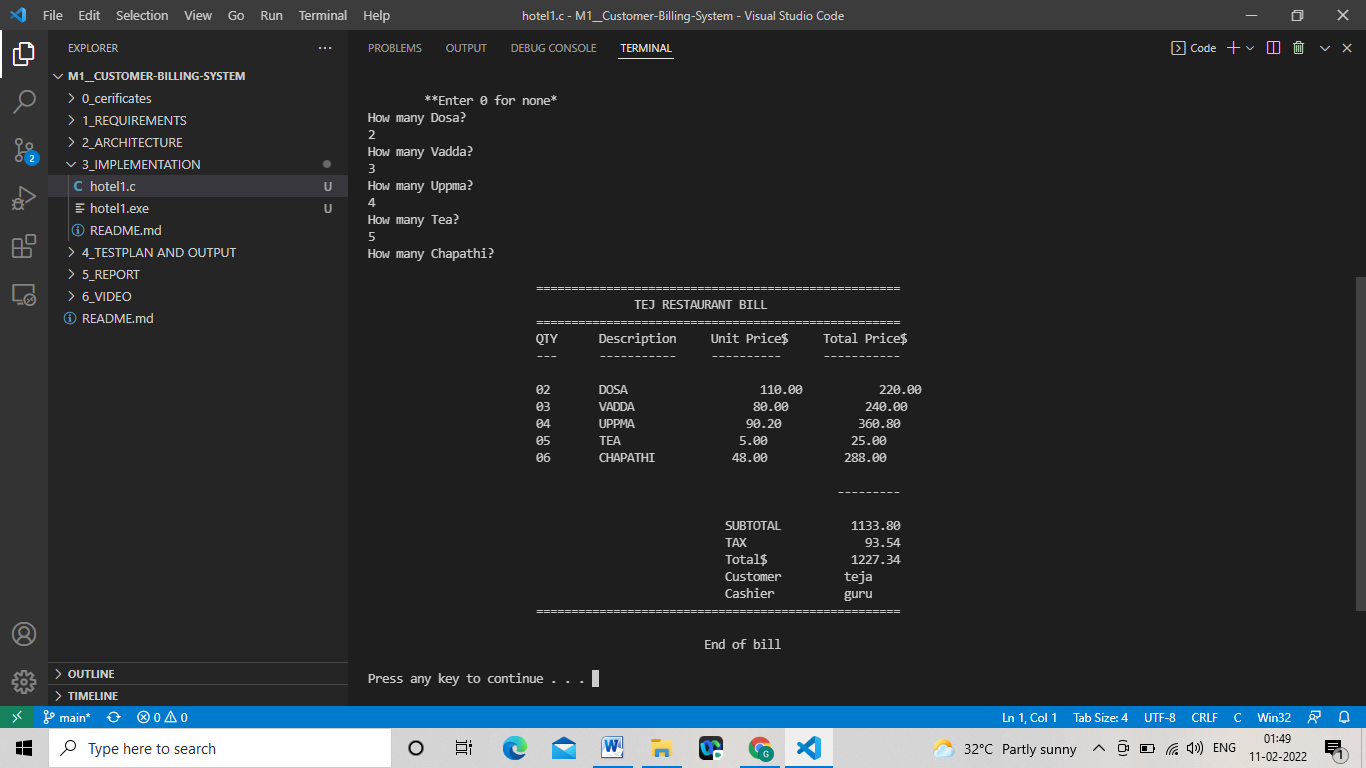
Architecture :-



CODE:-

|  |
| --- |
|  |
|  |
|  | #include<stdio.h>  #include <conio.h> |
|  |  |
|  | #define DOSA\_PRICE 110.00 |
|  | #define VADDA\_PRICE 80.00 |
|  | #define UPPMA\_PRICE 90.20 |
|  |  |
|  |  |
|  | int main(void) |
|  | { |
|  |  |
|  | // Local Declarations |
|  |  |
|  | const double TEA\_PRICE = 5.00; |
|  | const double CHAPATHI\_PRICE = 48.00; |
|  | const double taxRate = 8.25; |
|  |  |
|  | int dosaQTY; |
|  | int vaddaQTY; |
|  | int uppmaQTY; |
|  | int teaQTY; |
|  | int chapathiQTY; |
|  |  |
|  | float total\_dosa; |
|  | float total\_vadda; |
|  | float total\_uppma; |
|  | float total\_tea; |
|  | float total\_chapathi; |
|  | float subTotal; |
|  | float tax; |
|  | float bill\_Amount; |
|  | char name[250]; |
|  | char cname[250]; |
|  |  |
|  | // Statements |
|  |  |
|  |  |
|  | printf("\t\tWelcome To TEJ RESTAURANT\n"); |
|  | printf("\n Please Enter the following details. \n\n"); |
|  |  |
|  | printf("Cashier's Name: \n"); |
|  | scanf("%s",name); |
|  | printf("Customer's Name: \n"); |
|  | scanf("%s",cname); |
|  |  |
|  | printf("\n\t\*\*Enter 0 for none\*"); |
|  |  |
|  | printf("\nHow many Dosa? \n"); |
|  | scanf("%d", &dosaQTY); |
|  |  |
|  | printf("How many Vadda? \n"); |
|  | scanf("%d", &vaddaQTY); |
|  |  |
|  | printf("How many Uppma? \n"); |
|  | scanf("%d", &uppmaQTY); |
|  |  |
|  | printf("How many Tea? \n"); |
|  | scanf("%d", &teaQTY); |
|  |  |
|  | printf("How many Chapathi? \n"); |
|  | scanf("%d", &chapathiQTY); |
|  |  |
|  | printf("\n Press Any Key To Generate Bill"); |
|  | getch(); |
|  |  |
|  | printf("\n\n\n\t\t\t\t\tLOADING \n\t\t\t\t\t"); |
|  | int a; |
|  | for( a=1;a<8;a++) // Change 'a<?' to how many \* you want |
|  | { |
|  | Sleep(500); |
|  | printf("..."); |
|  | } |
|  | printf("\n\n\t\t\t\t\tBill Generated. \n\n"); |
|  |  |
|  | system("PAUSE"); |
|  | system("CLS"); |
|  |  |
|  | // Calculation Statements |
|  |  |
|  | total\_dosa = dosaQTY \* DOSA\_PRICE; |
|  | total\_vadda = vaddaQTY \* VADDA\_PRICE; |
|  | total\_uppma = uppmaQTY \* UPPMA\_PRICE; |
|  | total\_tea = teaQTY \* TEA\_PRICE; |
|  | total\_chapathi = chapathiQTY \* CHAPATHI\_PRICE; |
|  | subTotal = total\_dosa + total\_vadda + total\_uppma + total\_tea + total\_chapathi; |
|  | tax = (subTotal \* taxRate)/100; |
|  | bill\_Amount = subTotal + tax; |
|  |  |
|  |  |
|  |  |
|  | // Printing Bills |
|  | printf("\n"); |
|  | printf("\t\t\t====================================================\n"); |
|  | printf("\t\t\t\t TEJ RESTAURANT BILL \n"); |
|  | printf("\t\t\t====================================================\n"); |
|  | printf("\t\t\tQTY \t Description \t Unit Price$\t Total Price$\n"); |
|  | printf("\t\t\t--- \t ----------- \t ---------- \t -----------\n\n"); |
|  | printf("\t\t\t%02d \t DOSA %.2f %10.2f \n", dosaQTY, DOSA\_PRICE, total\_dosa); |
|  | printf("\t\t\t%02d \t VADDA %.2f %10.2f \n", vaddaQTY, VADDA\_PRICE, total\_vadda); |
|  | printf("\t\t\t%02d \t UPPMA %.2f %10.2f \n", uppmaQTY, UPPMA\_PRICE, total\_uppma); |
|  | printf("\t\t\t%02d \t TEA %.2f %10.2f \n", teaQTY, TEA\_PRICE, total\_tea); |
|  | printf("\t\t\t%02d \t CHAPATHI %.2f %10.2f \n\n", chapathiQTY, CHAPATHI\_PRICE, total\_chapathi); |
|  | printf("\t\t\t ---------\n\n"); |
|  | printf("\t\t\t SUBTOTAL %10.2f \n", subTotal); |
|  | printf("\t\t\t TAX %10.2f \n", tax); |
|  | printf("\t\t\t Total$ %10.2f \n", bill\_Amount); |
|  | printf("\t\t\t Customer %s \n", cname); |
|  | printf("\t\t\t Cashier %s \n", name); |
|  | printf("\t\t\t====================================================\n\n"); |
|  | printf("\t\t\t\t\t\tEnd of bill\n\n"); |
|  |  |
|  | system("PAUSE"); |
|  | system("CLS"); |
|  | //main(); |
|  | printf("\n\n\n\t\t\tBrought To You By code-projects.org\n\n"); |
|  | return 0; |
|  |  |
|  |  |

OUTPUT :-



**Deliverables:**

1. You can hold any number of accounts and account can be added to the program at any time.

2. The programming of simple calculations such as calculation of due amount, balance etc. have been embed in the code of project.

3. The due amount to be paid is shown as negative balance.

4. If you have nothing to do with the program, you can directly exit from the main menu