# Customer Billing System

TEAM MEMBERS:

-Hazrat Ali Rana
 Id: 173-15-10352

-Md. Kamrul Hasan
Id: 173-15-10393

-Niloy Kumar Paul
Id: 172-15-10056

-Md Foysal Mahmud
 Id:173-15-10473

PROJECT GUIDE:

SUBROTO NAG PINKU

**Table Content:**

## [1]. Introduction:

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 we have a new customer, we can add and edit the account at any time.

## [2]. Features:

[1]. It 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 Customer Billing System project in C gives us the facility of searching the account by two ways, either by name of the customer or by the number of customer.

[4]. The due amount to be paid is shown as negative balance.

[5] If you have nothing to do with the program, we can directly exit from the main menu.

## [3]. Types Of Reports:

Customer Billing System application is so simple to use. In order to use the application, click at the exe file and then, you will have three options to:

1. To add account
2. To search account
3. To exit

As per your need, enter 1, 2,or 3 and follow the instructions provided by the application itself.

## [4]. Tools:

Language used: C

## [5]. Future Scope:

[1]. This project will help to record customers information

[2]. Project will help to see total records of the system

[3]. Easy to maintain the feature.

## [6]. Analysis Of Present System:

Before we begin a new system it is important to study the system that will be improved or replaced. We need to analyze how this system uses hardware, software and the people resources to convert data resources, such as Account no., Name, Mobile no., Street etc. Thus we should document how the information system activities of input, processing, output, storage and control are accomplished.

## [7]. Problem Of Existing System:

[1]. The existing system is not user friendly because the retrieval and storing of data is not maintained efficiently.

[2]. No reports generating in a current system.

[3]. Data cannot be shared in the existing system.

[4]. Existing system does not support managerial decision-making.

## [8]. Advantage:

The project can be used in many aspects, firstly the application file generated can be used. Secondly the source code of Customer Billing System project in C can be used to learn C programming and its different features such as use of user defined functions, structures etc.

## [9]. Output Screens:

**Fig: Main Menu**



**Fig: Customer Accounts**

## [10]. Conclusion:

In Customer Billing System, structure has very beautifully used to group the data type in single unit. The date variables (**day, month and year**) have been grouped in the structures named *date* where as other variables such as previous balance, Current payment, Payment date, amount etc. are grouped under another structure named account. This was our project of System Design about "Customer Billing System". Though every task is never said to be perfect in this development field even more improvement may be possible in this system. We learned so many things and gained a lot of knowledge.