

PROJECT REPORT

PROJECT NAME: - TELECOM BILLING MANAGEMENT SYSTEM.

DEVELOPMENT: - C Language.

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INTRODUCTION

The Telecom Billing Management System Project in C is a console based application created using c programming language. This system is a simple mini project and compiled in Code::Blocks IDE using GCC compiler. Telecom Billing System is a small project, you may perform and handle billing processes in the same way as telecom businesses do. You can add records with names, phone numbers, and payment amounts here. Existing records can be viewed, modified, searched, and deleted.

You can also make a payment using your phone number rather than your name. All data that is added or updated is saved in a file. This project will teach you how to use file handling to add, list, modify, search, and delete records.

Features:

- **Add New Records** – For the add new billing records, the user can add new billing records details.
- **List of Records** – For the list of billing records, the user can view all the new billing records added.
- **Payment** – For the payment, the user can pay their telecom billing in this system.
- **Search records** – For the search billing records, the user can search through there phone number.
- **Delete Employee** – For the delete billing records, the user can delete their own billing records information.
- **Edit Records** – For the edit records, the user can edit billing records information.
- **Exit** – For the exit, the user can also exit in the system.

OBJECTIVE

The Telecom Billing Management System Project in C is a console based application created using c programming language. This system is a simple mini project and compiled in Code::Blocks IDE using GCC compiler. You can add records with names, phone numbers, and payment amounts here. Existing records can be viewed, modified, searched, and deleted. All data that is added or updated is saved in a file. You can also make a payment using your phone number rather than your name.

Telecom Billing System application is so simple to use. In order to use the application, click on the enter and the you will get 7 option to choose,

- A: Adding new record.
- L: List of the Records.
- M: Modifying Records.
- P: For Payments.
- S: Searching Record.
- D: Deleting Records.
- E: Exit.

As per your need enter any one of the given option and follow the instructions provided by the application itself.

REQUIREMENTS

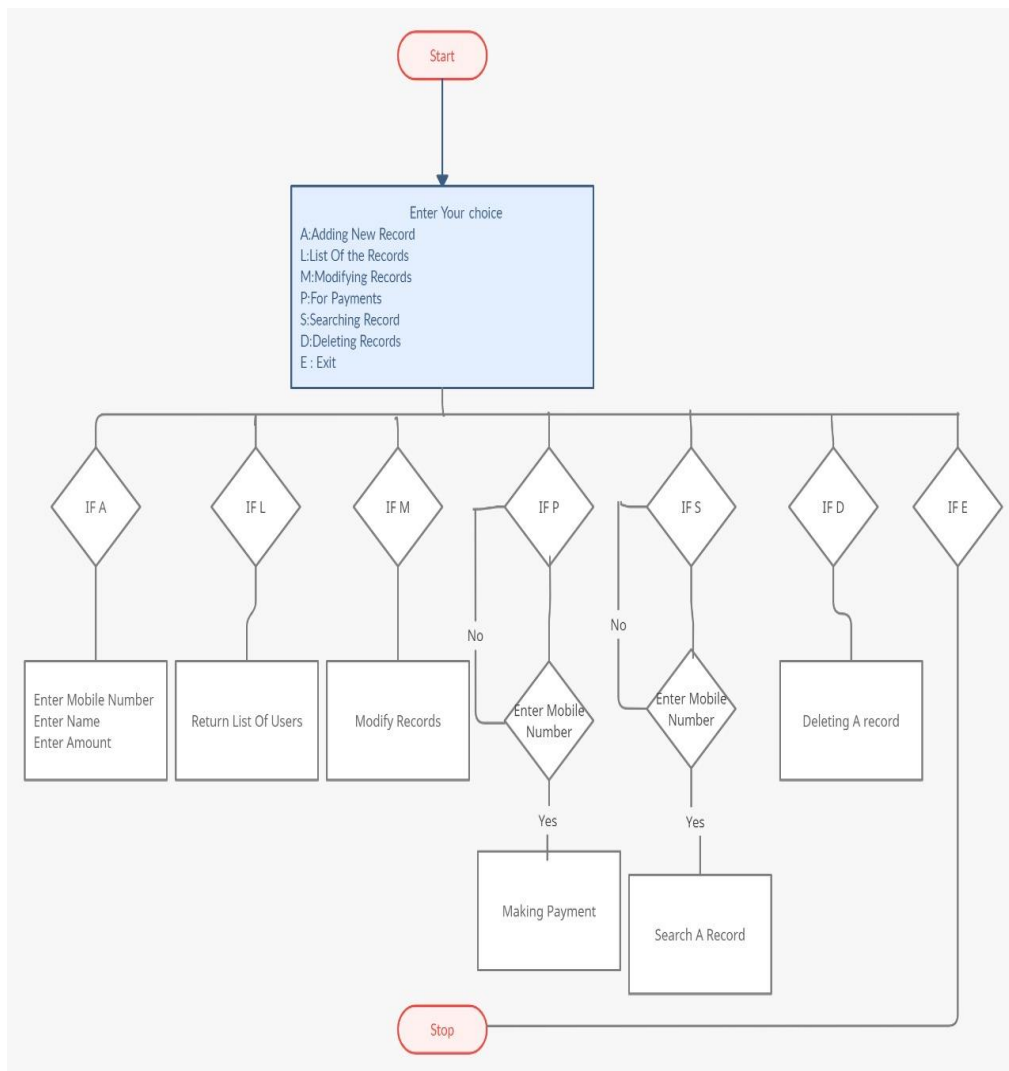
Software Requirement

- Operating System: Windows 10.
- Application Software: Visual Studio
- Language : C-Programming

Hardware Requirements Specification

- Processor: Intel core i5
- Hard Disk: 250GB
- Ram: 2GB

FLOW CHART



INPUT AND OUTPUT DISPLAY

PROBLEMS **6** OUTPUT DEBUG CONSOLE TERMINAL

```
*****  
---WELCOME TO THE TELECOM BILLING MANAGEMENT SYSTEM---  
*****
```

PROBLEMS **6** OUTPUT DEBUG CONSOLE TERMINAL

```
Enter  
A : for adding new records.  
L : for list of records  
M : for modifying records.  
P : for payment  
S : for searching records.  
D : for deleting records.  
E : for exit  
█
```

PROBLEMS **6** OUTPUT DEBUG CONSOLE TERMINAL

```
Enter phone number:8147105970  
  
Enter name:Maruti Gurav  
  
Enter amount:1000█
```

TELECOM BILLING SYSTEM

PROBLEMS 6 OUTPUT DEBUG CONSOLE TERMINAL

Phone Number	User Name	Amount
8970645580	Tukaram Patil	Rs. 500.00 /-
8722621522	Ganapati Patil	Rs. 2000.00 /-
8762516855	Parashram Patil	Rs. 6000.00 /-
8147105970	Maruti Gurav	Rs. 1000.00 /-

PROBLEMS 6 OUTPUT DEBUG CONSOLE TERMINAL

Phone No.: 8722621522
Name: Ganapati Patil
Current amount: 300.000000

Enter amount of payment :300

PROBLEMS 6 OUTPUT DEBUG CONSOLE TERMINAL

THANK YOU Ganapati Patil FOR YOUR TIMELY PAYMENTS

TELECOM BILLING SYSTEM

PROBLEMS **6** OUTPUT DEBUG CONSOLE TERMINAL

Phone Number	User Name	Amount
8970645580	Tukaram Patil	Rs. 500.00 /-
8722621522	Ganapati Patil	Rs. 0.00 /-
8762516855	Parashram Patil	Rs. 6000.00 /-
8147105970	Maruti Gurav	Rs. 1000.00 /-

PROBLEMS **6** OUTPUT DEBUG CONSOLE TERMINAL

Enter Phone Number to search in our database:8762516855

PROBLEMS **6** OUTPUT DEBUG CONSOLE TERMINAL

Record Found

Phonenumber: 8762516855
Name: Parashram Patil
Amount: Rs.6000.00

Future Scope of Project

This Project can be modified with better graphics and we can add some extra features according user requirements. The scope of billing software solution services ranges from simple invoice production to comprehensive business management.

We can add features like:-

- Application can send notification to customer about information like current balance, amount to be paid etc.

Reference

- <https://www.codewithc.com>.
- www.youtube.com.