



Cable Operator Database Analysis

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ABSTRACT –

The software “Cable operator Database Analysis” is intended to make the cable accounting automated and simpler. This project is useful for Cable Operator to manage the day to day customer report built with Customer Billing System Facility. The main objective of developing Cable operator Database Analysis project is to make the cable accounting automated and simpler. This project is useful for Cable Operator to manage the day to day customer report built with Customer Billing System Facility. The system would be having two logins. One for admin and operator and the other one for customer. Admin has the overall authority of the system, he can add, edit, update and delete the records. Admin and operator can view user account details. The system generates bill automatically. The system calculates bill for every customers and updates the information into customers account. Customers can pay monthly, half yearly and yearly rent through online. Administrator can view paid report, pending report, payment report, transaction report, etc

Index Terms— Administrator, Operator, Cable, data analysis, faulty device's, report .

1. INTRODUCTION

the Cable Operator Database Analysis project aims to automate and make the cable accounting process more simpler. It is useful for Cable Operator to manage the day to day customer report built with Customer Billing System Facility. The system has two logins, one for admin and the other for customer. The Admin has the overall authority of the system and can add, edit, update and delete records. Customers can pay monthly, half yearly and yearly rent through online and the administrator can view paid reports, pending reports, payment reports, transaction reports, etc..

2. PROBLEM IDENTIFICATION

The most important details are that service providers who maintain Cable TV are not working in manual Process, such as manual Registers, Cards, Excel, Bill generation, and Receipt Books, leading to inconsistency and inaccuracy of Revenue. The TRAI has issued Directions to Multi System, which addresses the issues of cable operators, operators, and ISP companies. Operators must use more manpower to find faults and maintain their operator data.

3. LITERATURE SURVEY

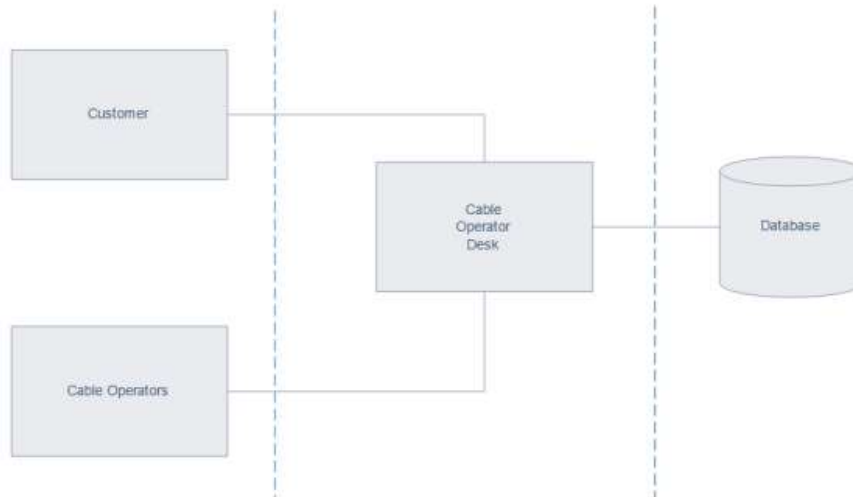
[1]. The Cable Operator Management System is an integrated and automation software for cable operators, which divides their areas into micro parts and assigns staff members to take care of them.

[2]. The Cable Operator Management System is an integrated and automation software for cable operators. It allows them to divide their areas into micro parts and assign their staff members to take care of their micro parts. This system also provides resident details and customer details. MIS reports can be found at this COM System.

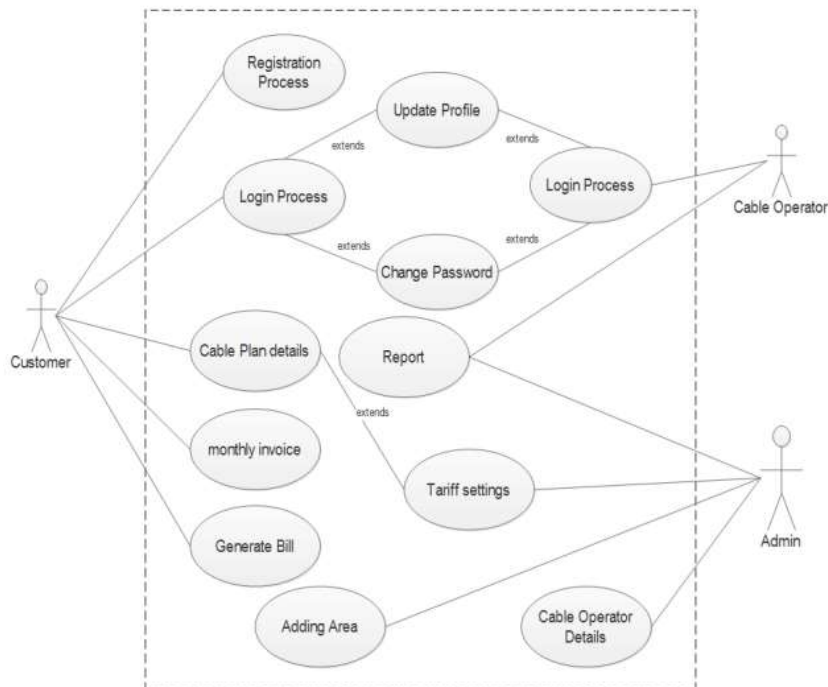
[3] The Cable Operator Management System is an integrated and automation software for cable operators, which allows them to divide their areas into micro parts and assign staff members to take care of them. It provides resident details and customer details, as well as billing, card, Excel Sheets, bill generation, and Receipt Books. MIS reports can be found at this COM System. Inconvenience and incomplete management information are provided, while Mishandling and mistakes in fee collection from consumers are reported. Management guidance has been provided to Multi System Operators (MSO) and their Linked Local Cable Operator (LCO), who are offering cable TV services in the Digital Addressable Cable TV Systems (DAS) area. However, many operators of many systems don't keep their records up to date and give the government the results of their counting, making the top management equipment unsecure and ineffective.

4. PROPOSED SYSTEM

The Cable TV Billing Portal project aims to automate and reduce the day-to-day customer report with customer complaint Customer Billing System Facility. It is a software solution for all types of cable TV operators, and is well tested with all possible



This web application is a tool for cable operators or service providers, with an automated software, bill collectors, and billing and service management aid. It offers a user-friendly interface, enticing features, and quick service, safer transaction history, and a budget-friendly solution. Subscriber Management System provides the addressability of the app and subscribers can choose services they want.



5. SYSTEM GUI



Fig. Cable Operator Data Base Analysis system



Fig. User Login Panel

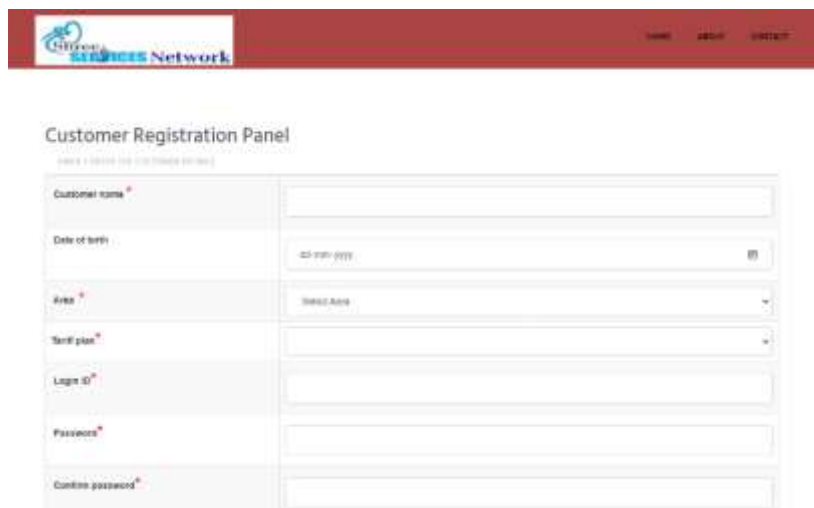


Fig. Customer Registration Panel

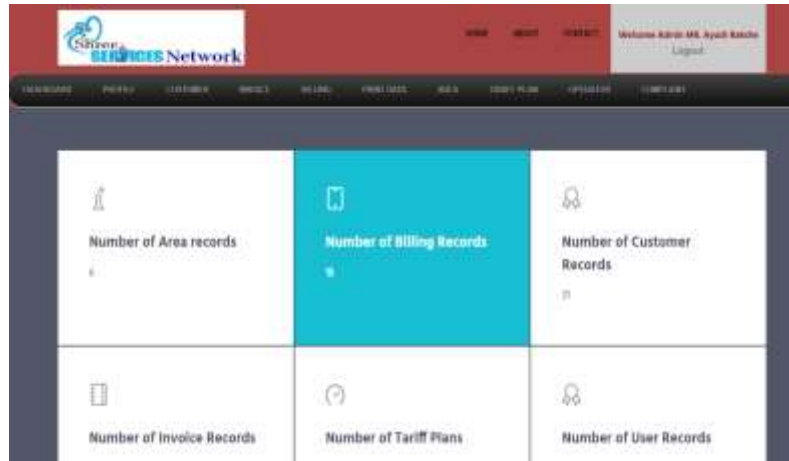


Fig. Admin Panel

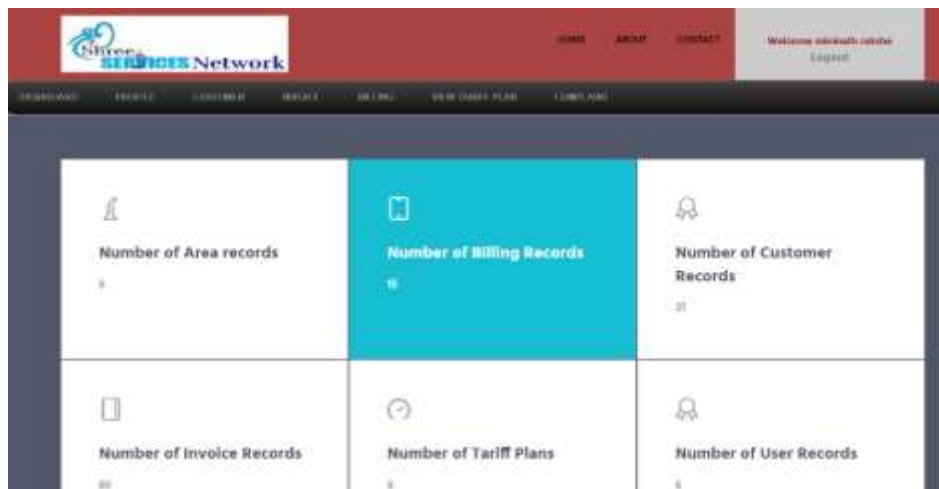


Fig. Operator Panel

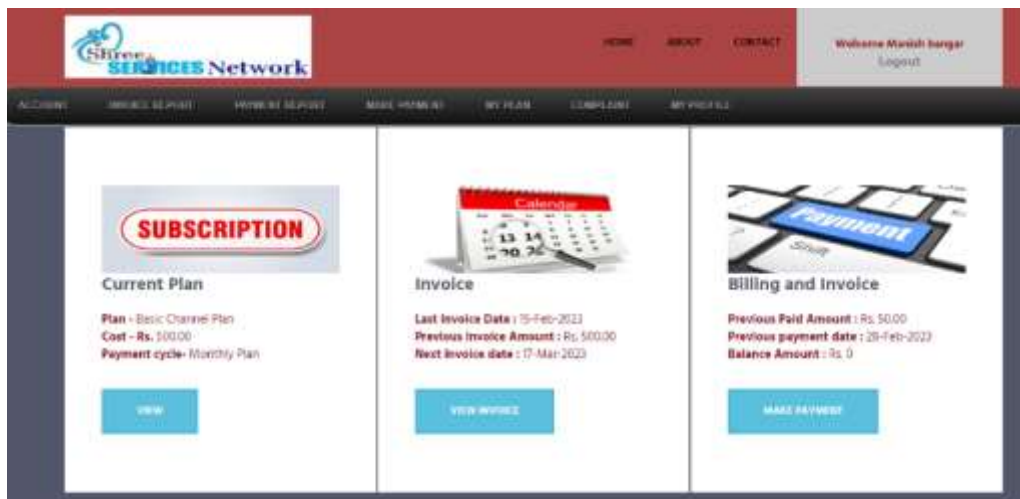


Fig. Customer Panel

6. Conclusion

The project work titled "Cable Operator Database Analysis" has been designed using Hypertext Pre Processor (PHP) wherein, many user friendly form controls have been added in order to make it a user interactive application. The system is developed in such a way that the user with common knowledge of computers can handle it easily. The system forms a general platform for building most advanced travel systems. The future enhancements to the system can be made as technology changes.

7. FUTURE WORK

This web-based cable operator database analysis makes sure to give the cable operator a solution that is affordable. Through the web application, cable operators may manage their customers, billing, and collection at any time and from any location. Simplified and minimised manual labours. Data can be stored in large amounts. It offers a smooth workflow and is simple to use. This project's future scope can be expanded by offering the Customer Portal, which gives customers access to the facilities and services provided by the cable operators, allows them to quickly determine where the faulty device is located and who is using it, and enables subscribers to file a complaint when there is a connection problem.

8. References

- [1] <http://www.w3schools.com/html/default.asp>
- [2] <http://www.tutorialspoint.com/css/index.htm>
- [3] <http://www.scccable.com>