Cable Operator Database Analysis

Gadhave snehal Gokul [1], Prof.Nawale S.K.[2]

Samarth Polytechnic Belhe,Tal-Junnar,Dist-Pune

A B S T R A C T

- Cable Automation process software is Web base application. this software provides managing customer and hardware devices data analsis services mostly useful for national and international level cable operators and services providers. this software provides man aging customer and hardware devices data analysis services mostly useful for the international level cable operator.

Keywords: Operator, Cable Automation, data analysis, faulty device's.

INTRODUCTION

He Many more television channels can be provides by digital cable television. Subscribers wishing to have access to digital cable channels must have a special covert box setup box (or, more recently, a "Digital Cable Ready" television). Digital Signal Processing gave rise to wider implementation of the Digital cable services Cable operator database Analysis is an integrated automation process. Cable Automation process software is Web base application. this software provides managing customer and hardware devices data analysis services mostly useful for national and international level cable operators and services providers. this software provides managing customer and hardware devices data analysis services mostly useful for the international level cable operator. it is mainly used to quickly find out the faulty device's location and who is using this device.

PROBLEM SPECIFICATION

Service Providers who maintaining Cable TV are not working in manual Process (manual Registers, Cards, Excel, Bill generation, Receipt Books etc…). This results in inconvenience and inaccuracy of Revenue. The TRAI (Telecom Regulatory Authority of India) has issued Directions to Multi System.

1. Cable operators are facing most of problems in management.
2. 2: Operators cannot be find out the faulty device in server line.
3. 3: ISP company cannot maintaining their operator data.
4. Operators have to use more manpower to find faults.
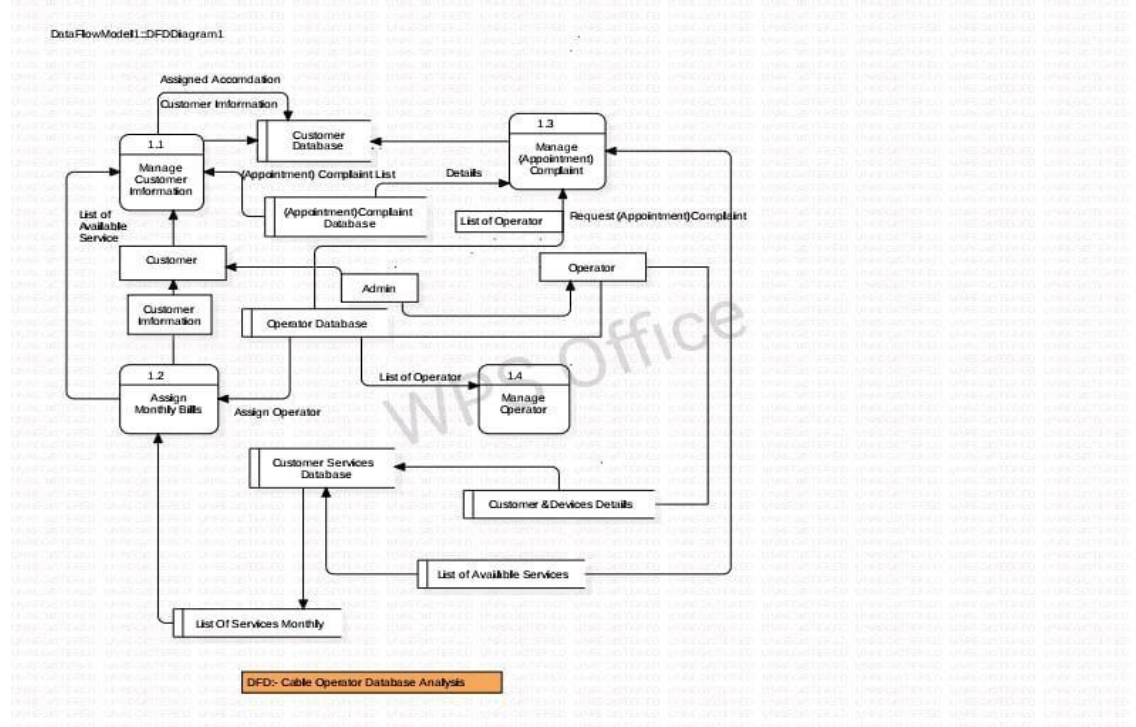
LITERATURE SURVEY

[1].The Cable Operator Management System is integrated and automation software for cable operators. Cable operators will distribute TV channels to their customers for that they pay some money monthly. By using this COM system they can divide their areas macro parts to micro parts. Once they have divided their areas into micro parts then they can assign their staff members to take care of their micro part areas. can be found at:

[2].The Cable Operator Management System is integrated and automation software for cable operators. Cable Operators will distribute TV channels to their customers for that they charge some money monthly. In this COM System they can main their staff member's details and their customer details. Once they divided their areas into micro parts then they can assign their staff members to take care of their micro part areas. By using this system they can meet their business requirements. MIS reports were. can be found at: [3] Most of the Cable operators who enabled with wide area signal supplies of cable TV are not maintaining Subscriber's data properly and working on the manual processes (maintaining manual Registers, Cards, Excel Sheets, bill Generation, Receipt Books etc..) which results in :

Inconvenience and incomplete management information about Setup box, Subscribers and their Subscriptions and Hardware devices • Mishandling and mistakes in fee collection from consumers By employees. Management guidance has been provided to Multi System Operators (MSO) and their Linked Local Cable Operators (LCO), who are offering cable TV services in the notified Digital Addressable Cable TV Systems (DAS) area. Many operators of many systems don't keep their records up to date and give the government the results of their counting. Due to ignorance of the newest management instruments, the top management is unsecure and ineffective.

PROPOSED SYSTEM

The primary reason for automating and setting up this manual framework is that keeping track of the task manually would be extremely difficult due to the large number of customers and interactions involved. To uphold those requirements, they need a platform that is both affordable and reliable.

This web application is a tool for cable operators or service providers, an automated software for bill collectors, and a billing and service management aid. This app is essential for cable service providers to have because of its straightforward user interface and user-friendly, enticing features. According to
TRAI, the addressability would be brought by the Subscriber Management System, and subscribers may choose the Services they wanted. Quick service, transaction history, and a budget friendly solution.

OPERATOR MODULE

Operator module used to management to the customers. it is helpful to maintain the hardware devices and package data. Operator module is used to find out the customer devices data they are active or inactive. Add customer details and customize.

CUSTOMER MODULE

customer modules are used to view customer data and print it easily.

CONCLUSION

we implemented a web application system for cable operator Since this is an automated system, it quickly find out faulty devices information so it takes very less time, hence is works efficiently compare to manual works Cable Automation process software is Web base application 2. Managing customer and hardware devices data analysis services. 3. Quickly find out the faulty device's location and who is using this device.

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 minimized manual labor. 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.

REFERENCES

https://www.academia.edu/36512550/Cable_TV_PJSET_2_pdf

https://www.SCCCABLE.COM

https://www.vogella.com/

https://www.innorium.co.in/

https://www.codeproject.com/