

E - Tax Information System

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ABSTRACT

For that purpose, we are developing this application, which can collect the tax information from different authorities based on the house no's and owner name by using Web Services and stores the data in our own database. For getting the information, regarding taxes citizens need to register first. The bill is calculating on different modes like annual, half-yearly, quarterly etc. By using the user, id and password citizens can log into the system and collect the necessary information from the home page. For this every user need to provide his house no and owner name. By clicking on the search button, they will get their own.

Keywords: E- TAX, Web Services

I. INTRODUCTION

Local bodies like municipalities need collect different kind of taxes from the citizens. Every citizen needs to pay Water Bills and Electricity Bills to the particular authorities. Actually, a citizen wants to pay his municipal tax means he should go to municipal office and collect the necessary bill, pay there only. Same as water and electricity bills. This is not an easy job to get all this tax information in different authorities now days. By using the user id and password citizens can log into the system and collect the necessary information from the home page. For this every user need to provide his house no and owner name. By clicking on the search button, they will get their own

- House Details
- Electricity Bill Details
- Water Bill Details
- Municipality Bill Details

Web services play vital role here. Why because this system get the information from other sources. A

web service is only capable to get the information from other sources.

II. METHODS AND MATERIAL

Local bodies are classified into Municipal Corporations, Municipalities of different grades depending upon the population and income of the Urban Local Body. These Urban Local Bodies have been constituted with the objective of discharging certain.

Obligatory functions like

Supply of Drinking Water

Providing Water connection to houses

Sending water bills to houses

Public Street Lighting

Calculating and sending Electric Bills

Maintaining sanitation and hygiene of public places

Municipal Library maintenance.

Calculate and sending Municipal tax and house taxes.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration

approach. User Friendliness is provided in the application with various controls provided by system Rich User Interface. The system makes the overall project management much easier and flexible. It can be accessed over the Intranet. The employee information can be stored in centralized database which can be maintained by the system. This can give the good security for user information because data is not in client machine. Authentication is provided for this application only registered Users can access. There is no risk of data management at any level while the project development is under process. The automated system will provide to the employees for reliable services. The proposed system using web services, a web service can get the information from other sources also. There no burden of calculating water, electric, house tax bills in this system, by sending a request to the particular authority via web service, we can get all the information regarding these issues.

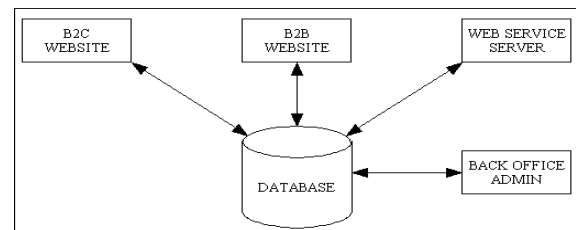
III. EXISTING PROCESS

The existing system is a manual system. Here the employees needs to save the information in the form of excel sheets or Disk Drives. There is no sharing is possible if the data is in the form of paper or Disk drives. The manual system gives us very less security for saving data; some data may be lost due to is management. It's a limited system and fewer users friendly. Searching of particular information is very critical it takes lot of time. Gathering information of different sources is not an easy job, data will be mismanaged. Calculating different bills manually going to be as a process of mistake. There is no interface to provide various bills in the existing system. In the existing system citizen get the bills information manually, in various authorities like water board, electricity department, property tax department etc.

PROPOSED METHODOLOGY

To debug the existing system, remove procedures those cause data redundancy, make navigational sequence proper. To provide information about users on different level and to reflect the current work status depending on organization. To build strong password mechanism

IV. RESULTS AND DISCUSSION



- Administrator
- Citizen's
- Web Services
- Citizen's Bill Information
- Search
- Reports
- Authentication

Administration

Administration is the main person of this system. He can have all the privileges to do anything in this system. Admin can get the information regarding citizen's water bills, electric bills, and municipal taxes from various sources. For that administrator need to send a request for that particular authority throw web services.

Citizens

People who are living in that municipality area are called as citizens. Citizens need to pay water bill, electricity bill, property tax for a certain of intervals. By using this system interface citizens know their different bill amounts, pending bills, due dates etc.

Web Services

Citizen Bill Information

The system interface is going to show the Bill information of different authorities. The bills mainly going to these types

Water Bills

Electricity Bills

Property Taxes

These interfaces also show the

Pending Bills

Penalties

Due Dates

V. CONCLUSION

It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided practical knowledge of not only programming in ASP.NET and C#.NET web-based application and to some extent Windows Application and SQL Server, but also about all handling procedure. It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

VI. FUTURE ENHANCEMENT

This paper examines the taxpayers' e-tax system implementation by validating the psychometric properties and using the instrument validated for e-tax service evaluation criteria in the context of Nigeria. It is concluded that all the six variables, compatibility, complexity, reliability, affordability, ease of use and tangible are important in the evaluation of e-tax system implementation. The items used should enable the tax authority to benchmark their routine and plan for enhancement. The first limitation of this study is small sample size and the population been limited to only self-employed

taxpayers who are using the e-tax system. With these limitations the result of our study gives an insight to e-tax quality evaluation criteria in an emerging economy like Nigeria and also provide the basis for further research in these areas.

VII. REFERENCES

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