Triple Thread – Automated Onus Estimation, Certifications and Bursary Notification

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Abstract – This paper deals with the deployment of precise technique for using the availed bursary and to provide transparency in the estimation of the tax.First threat is , using the aadhar details and salary voucher of the individuals income tax is calculated . By extending the first thread, the second process generates the income certificate of the individual. The third one will display the eligible bursary of the individual thereby everyone can grab the beneficiary without any obstacles. Triple thread will be given read and write privileges based on the place it is used. When used in government offices the thread will provide both read and write privileges but when used by the individual only read privilege is provided.

Index Terms – Aadhar,Tax,Incomecertificate,php.

1. INTRODUCTION

The basic idea is to provide transparency in the tax calculation process.As we all know that tax is the source of the nation.The income/resource we obtain from tax is being used for the welfare of the people.Henceforth it is mandatory for the citizen to pay the tax regularly and approximately.This application allows us to calculate tax without any fraudulent activities.Aadhar card must to be linked to all banks and the assets of the individual as well.Then the salary voucher of the individual should be submitted in the nearby government offices.Using these details the tax of the person is calculated .In addition the income certificate of the individual will be created automatically using the income recorded in the database.As people were not aware of the scholarship they are eligible for ,this application also paves way to find that out.The working will be as follows.As soon as the government employee opens theapplication,aunthentication is done.Then registration process of the candidate is carried out by entering the aadharnumber.Aadhar number fetches the details from its own database and autofills the office database.Then the salary voucher of the individual is scanned which contains the QR code with aadhar ID(for validation) and salary.After the registration is done ,the duty of the government official is over.He/She can view details which was registered but cannot edit.During registration ,a 8 digitpassword is sent to the registered phone number for the individual to view their tax details and further.

2. RELATED WORK

2.1 Tax Calculation and Payment:

IT can be filed directly by approaching the respective department and furnishing the required documents

(or) Through online by uploading the required documents
The required documents are:

- PAN card
- Bank account information
- TDS certificates (if applicable)
- Tax payment challans (Self-assessment, advance tax)
- In case of revised return/return in response to a notice received from Department of Income-tax - You need the details of Original return/details of notice.

Based on categories of income of people tax is calculated and the TAX bill to pay the tax amount is notified to the people by posts (or) Email (Or) telecommunication notification.

People can approach the IT department and pay their respective taxes or through online in IT Website-http://www.incometaxindia.gov.in/Pages/tax-services/pay-tax-online.aspx

The Following stuff is an example of the tax slab

Income Slab	Tax Rate
Income up to Rs. 2,50,000*	No Tax
Income from Rs. 2,50,000 – Rs. 5,00,000	5%
Income from Rs. 5,00,000 – 10,00,000	20%
Income more than Rs. 10,00,000	30%

2.2 Income Certificate :

The documents used for the tax filing process is the document required here.The individuals have to visit the district taluk office and submit the documents to the officers/Staffs. The Staffs in turn calculate the annual income of the individual and provide the certificate to them with the official's Signature and Government seal.

We can apply income certificate through online using the web address

http://www.tn.gov.in/forms/deptname/26

2.3 Bursary

One of the most beneficial thing the government provides to the individual is scholarships.Most individuals are not aware of the scholarships they are eligible for . This unawareness leads to the wastage of scholarships.To increase the utilization of the scholarships Government had build many web applications to

provide information about various scholarships and their eligibility criteria. The below links provides the list of scholarships and their advantages.

https://www.scholarships.com/financial-aid/college-scholarships/scholarship-information/search-for-available-scholarships/

http://www.scholarshipsinindia.com/

http://www.indiaeducation.net/scholarships/

http://www.tn.gov.in/service/dept/20189/1840

3. PROPOSED MODELLING

This system is easy to handle and requires only less work to be done by the officials.The officials have to open the page and give their official id and password .As soon as they are authenticated ,which is done by checking the database of the office via internet , the officials can register the individual into the application by providing their aadharid.Auto fill is invoked and the details are fed into the databasefrom aadhardatabase.Salary voucher with the QR code isscanned(aadhar id is validated to avoid fraudulent) and the salary is updated in the database .TripleThread is the important part of this paper. TripleThread contains :

> Viewing of personal details

> Tax calculation

> Tax amount display

> Income certificate generation and display

> Display of available and eligible scholarships of the candidate

Each information is stored in the Government database.

4. RESULTS AND DISCUSSIONS

TripleThread is a system that helps us to see our tax details transparently .On the other hand it helps us to know about our scholarship details and to fetch our income certificate very easily.This system requires aadhar details ,salary voucher ,asset details .These things are obtained from various sources and stored in the office database.The first page of this website will be the homepage.

A.Home :

It is the welcome page for TripleThread

B.Login :

The page where employees login to carry out further process.

C.Registration :

The registration of the individual's is done by the government officials.

D.Sign in

This page allows the government officials to view the details of the registered individuals in case of any query.Aadhar id is used as the tool here.

E.Personal Details :

This page shows the personal details of the registered individuals.

F.Tax :

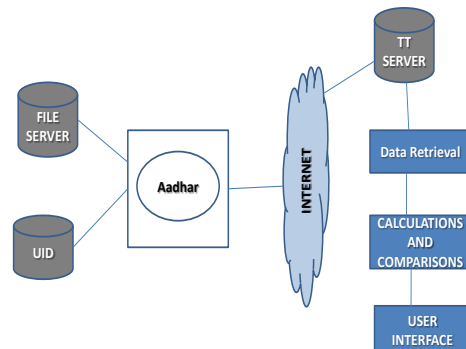Tax amount ,Tax percentage and the net income is shown here

G.Income Certificate :

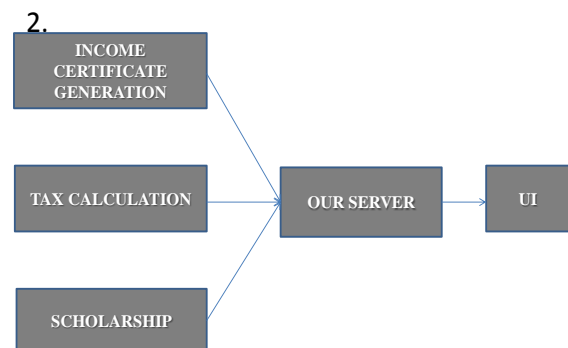The generated income certificate of the indivisula can be viewed here.

H.Bursary :

The list of the bursaries that the individual is eligible for is displayed here.
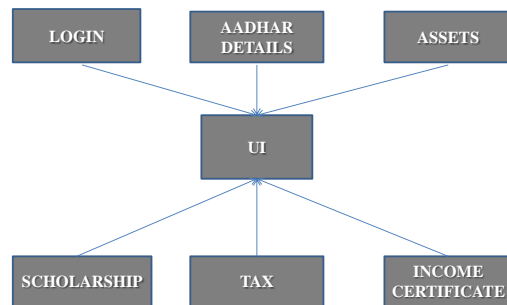
ARCHITECTURE DIAGRAM

BLOCK DIAGRAM – GOVERNMENT VIEW

BLOCK DIAGRAM – USER VIEW

3.

5. CONCLUSION

The main aim of the application is make the current tax calculation and income certificate generation process easy.Thissystem also focuses on digitizing the whole process in a secured way.The advantage of this application will be fake income certificates will not be generated.People who were not aware of their tax amount and percentage will be reduced.Tax is the important source of the country. This system allows us to calculate the correct tax amount imparted on us.In addition, it allows to know about the scholarships we are eligible for.

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