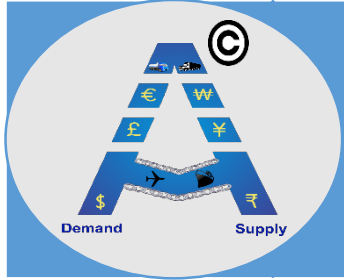


Tasthana



We proudly launch “Tasthana” a software which will revolutionize the way deposits are done



Introduction



Founder Name

: Mr. Partho H. Chakraborty

Company Name

: Annona IT Solutions Pvt. Ltd.

Sector / Industry focus

: Bank Deposits

Contact coordinates

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- **Landline number with code**
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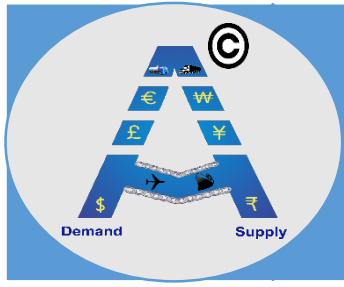
: partho@annona.in

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Beside Knightsbridge Apartment, ITPL Main Road,
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Banking Deposits



Deposits

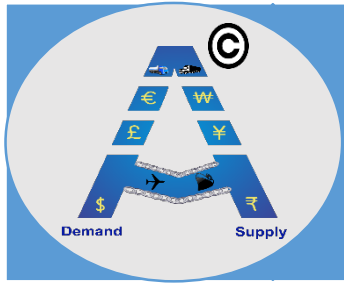
In any economy the bank is the heart and deposits are the blood that flows through it.

In order to lend out more, a bank must secure new deposits by attracting more customers.

Without deposits there would be no loans, or in other words, deposits create loans.

Again, deposits create loans, and consequently, banks need your money in order to make new loans.

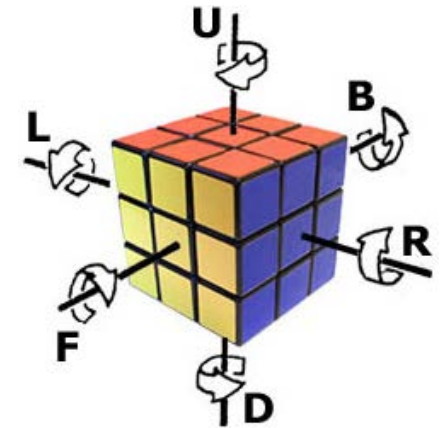
Deposits are also needed to balance the books of banks.

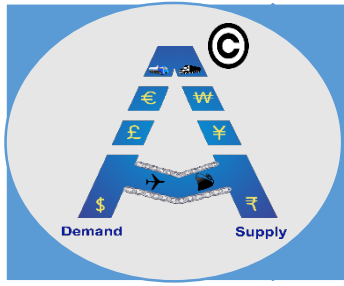


Product



- The product is made for banks and their customers. It is called Tasthanana.
- **Tasthanana is a Sanskrit word meaning, As Flexible As A Stalk of A Lotus**
- It is the first truly Flexible Deposit Bank Deposit where The Principal, Tenure and Interest Calculated each month can be modified around by the user.
- It is configured for Asset Liability Mismatch and for a Consortium of Depositors
- It computes the Interest and TDS automatically each month
- It generates Reports and Statements such as for TDS
- It combines Sweep Deposits if the interest rate is the same
- You can do Reverse Annuity for multiple beneficiaries both Amount Based and Term Based
- You can do Payments and Shopping through Debit Cards.





Innovation

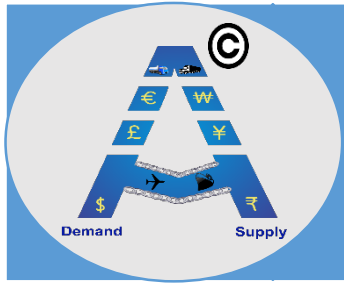


Tasthana overcomes some of the inherent flaws of current bank deposit systems:

- **The principle deposit and/or tenure can be increased or decreased by the bank customer anytime**
- **The interest generated can be taken anytime in part or full or percentage and deposited amongst single or multiple accounts within or in another bank**
- **Can be computed for Reverse Annuity for Single, Joint or Multiple beneficiaries – Amount based or Tenure based**
- **All Sweep Deposits gets clubbed in one if the interest rate is same thus making reconciliation very easy.**

It is the first of its kind anywhere and it is configurable and customizable

We have applied a Patent for it. Patent Application No: 201641021201, Dated: 21-06-2016 and Fast-tracked



Advantages



It empowers the customer. Imagine a customer now doing all the actions which previously only a bank employee could do.

Though the outgo is more than that of the regular deposits, the banks do not lose out as the maximum outgo is 0.18% of total deposits.

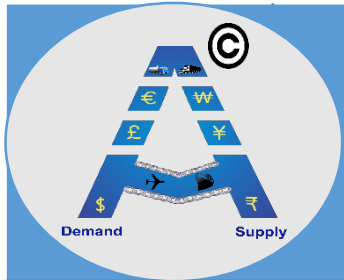
The customer now has a regular account with the bank and he/she will not exit or close it down as that of a Regular FD, once matured the account is closed.

The banks now have a Deposit Product with a Savings Bank Usage. This changes the way Savings and Deposit Products are used.

They have a Deposit Supermarket where all Deposits are under 1 head as It caters to all forms of Deposits including Sweep and Reverse Annuity.

It should help the bank increase its deposit base by a least 10% and if we take a sample deposit base of ₹ 3,000 crores, then the increase is ₹ 300 Crores.

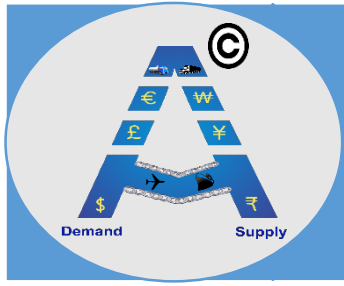
For ₹ 300 Crores, if the liability is 6% and if 60% of Deposit is lent at 13%, then the gain to the bank is over ₹ 5 Crores.



Curated by Banks



| S. No. | Banks | Problem | Problem Definition | Solution |
|--------|------------------|--------------------------|---|--|
| 1 | Saraswat | Regulation s | Different Interest Rates for the Same Tenure | All deposits have the same interest rate for the same tenure |
| 2 | SBI, Yes and DCB | Sweep Deposits | Sweep Deposits - Whenever a new sweep deposit was created it was a new deposit. This meant many deposits gets created and it becomes very hard to reconcile with so many deposits and with withdrawals it becomes still harder. | Combining all Sweep Deposits into one deposit if their interest rates are same. This results in very few deposits as most of them get clubbed together |
| 3 | ICICI | Asset Liability Mismatch | A Deposit is a Liability to the bank. The bank has to lend against this deposit. Thus it has to have a match against this liability while lending. If the entire deposit amount is withdrawn then it affects the assets as it has no liabilities. | In order to mitigate such a mismatch a part of the deposits say 40% is kept as Fixed which the customer cannot touch. He/She can withdraw from the balance 60% or the Variable Component as partial withdrawals. If the Fixed Component is touched the deposit closes. |
| 4 | ICICI | Consortium of Depositors | Required more than 2 depositors to have a deposit account | More than 2 depositors can open a Deposit Account. Each person would have a have a percentage in it. For example say 4 people have a deposit then they could share it as: 35%, 25%, 16% and 24% making it 100%. This would mean that any modifications would also be done accordingly as per the percentage . Please note that even the joint depositors have the deposit as percentage. It can be 50 - 50, 60 - 40, 72 - 28, etc. |
| 5 | Kotak | TDS | TDS is an issue with various deposits having various tenure and varying rate of interest | It computes TDS automatically irrespective of tenure and rate of interest with any modification made any time |
| 6 | HDFC | Form 15 H/G | Form 15 H/G is for Tax Exemption and it has to be integrated with the system | It can be downloaded, filled up and sent. Once the Bank receives it they can stop the TDS from that moment onwards. Whatever TDS that has been paid prior to receipt of the Form 15 H/G has to be claimed back from the Tax Department by the Customer |
| 7 | HDFC | Location | Where would the Application Rest? | The application would rest in the bank and the customer would first log in the bank using User ID and Pasword and then access it |
| 8 | Axis | Business Scenarios | Static Interest Rate, Rising Interest Rate and Decreasing Interest Rate | The customer does not lose out when static and benefits in the rest two scenarios and the bank does not lose out. This is explained in a separate Spread Sheet |
| 9 | Yes | Large Deposit | Can it accept large deposits and what would be the extra outgo for the bank? | We have taken the total deposit to ₹ 34 Lakh Crores. No bank has such a large deposit in South East Asia. The total outgo comes to maximum 0.07% of the total deposits |
| 10 | South Indian | Reverse Annuity | Can it configure a Bank Deposit for Reverse Annuity? | It calculates it both Amount Based and Tenure Based. For amount based, if a deposit of say ₹ 1,00,000 is created and assume a sum of ₹ 5,000 is to paid each month it pays the sum each month till it becomes 0. It canbe topped up and continued or closed. For tenure based, if we consider the same deposit of ₹ 1,00,000 with an outgo of ₹ 5,000 each month then the tenure could be fixed for say 6 months, 15 months, etc. at the discretion of the issuer and the funds would be disbursed for upto the mentioned month and then it stops. |
| 11 | Federal | Reverse Annuity | Can it pay to multiple beneficiaries different sums and varying tenure? | It can pay multiple beneficiaries multiple different sums either amount based or tenure based. It can also pay additional sums as desired by the deposit holder |
| 12 | Au Small Finance | Integration | How would the Integration with Core Banking happen? | It will integrate seamlessly with core banking software and it will not affect the working of any module in Core Banking. It will have the same touch points as the regular deposits. The only difference here is that there will 2 reports - one for regular deposits and the other for flexible deposits. Also the entire deposits can be migrated to the new deposit. This is explained in detail in a separate write-up |



Integration



Below diagram depicts integration with Bank server wherein the server-side API's and Client side response handling both are provided by Tasthana or where Bank gives the API's which will be used in Tasthana

Client

Server

Tasthana

(Request)

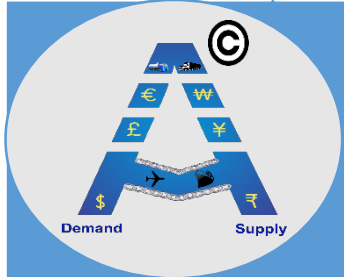
Bank Server

Tasthana API's

(Response)

The application sends request to Bank server to fetch details from Server using the API's provided by Bank

The Server (Tasthana server) sends the response to client in either json/xml format which is accessed by Client

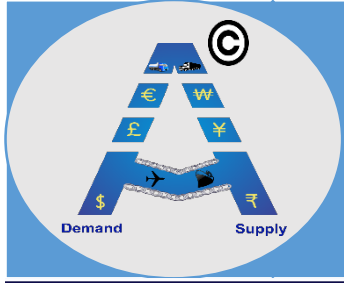


Bank Web Page



The screenshot shows a bank web page with a navigation menu. A purple arrow points to the 'TASTHANA' option in the 'MY ACCOUNTS' dropdown menu. The page includes sections for 'OVERVIEW', 'MY ACCOUNTS', 'PAYMENTS & TRANSFER', 'INVESTMENTS & INSURANCE', and 'EXCLUSIVE OFFERS'. A user profile for 'PARTH CHAKRA' is visible, along with a 'MY SHORTCUTS' list and a 'MY RELATIONSHIPS' summary table.

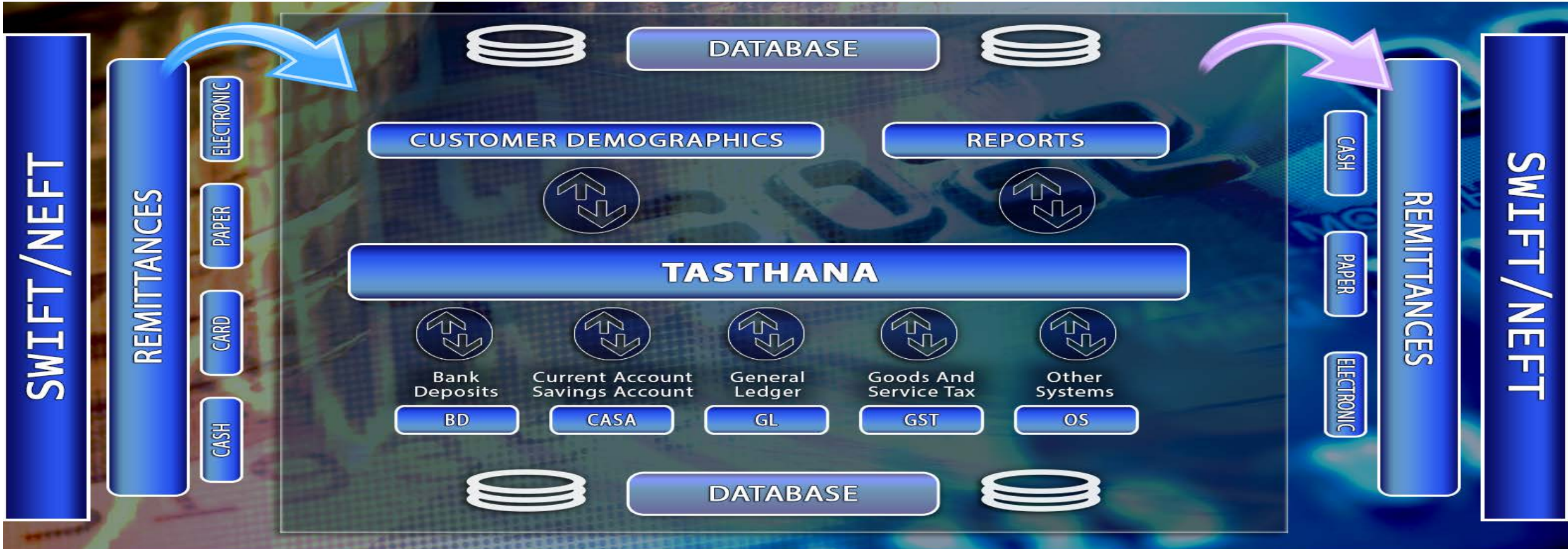
| Summary | Accounts | Deposits | Credit Cards |
|----------|----------|----------|--------------|
| | | | |
| Accounts | 4 Cards | 0 Loans | 0 Deposits |
| 0.90 | NA | ₹0.00 | ₹0.00 |



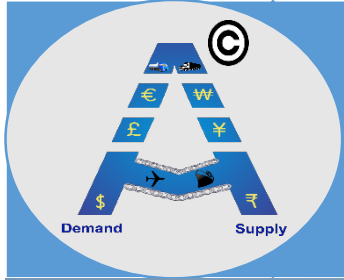
Architecture



KYC

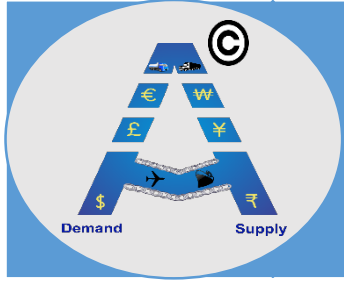


RISK & COMPLIANCE



Touch Points





Thank You



Bank Deposits – Tasthana

<https://www.annona.in/tasthana.html>

Website

<https://www.annona.in/>