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MAINTAINING CENTRALIZED BANK INFORMATION FOR GETTING QUICK ACCESS OF INFORMATION OF ALL OTHER ACCOUNTS USING DENORMALIZATION OF DATABASE CONCEPT OF COMPUTER

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ABSTRACT

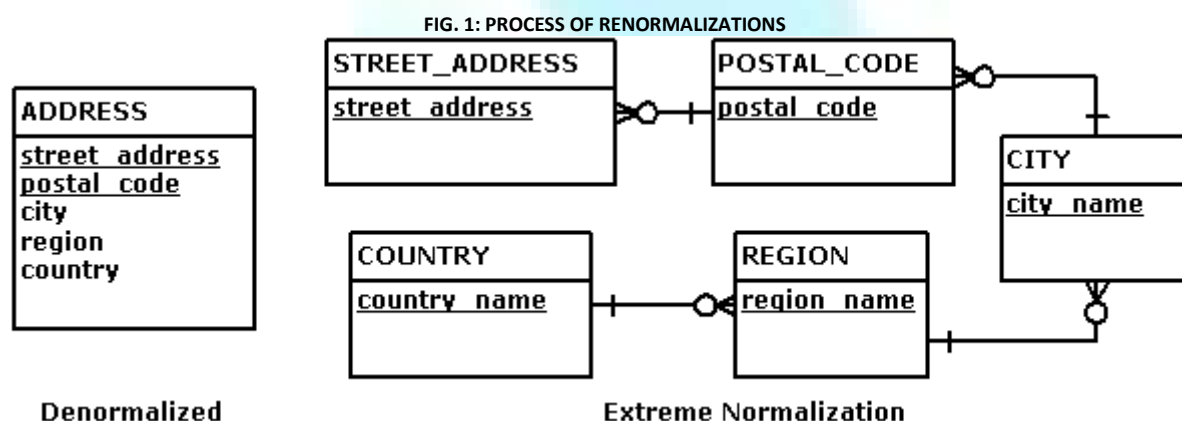
Today in India many Nationalize and co-operative banks are working and a person can open account in any bank as per rules and regulations of respective bank. But some time a person may have more than 10 or 15 accounts it is very difficult to remember the account number and all account details and there is no any organization which can give the accounts information like balance in account, withdrawal of balance from account. So to overcome this problem we can use renormalizations of database concept from computer, which can provide all account information on a single click to person itself and the government for Taxation purpose.

KEYWORDS

CAN (Central Account Number), Demormalization, Normalization, Central Account id.

INTRODUCTION

Denormalization is a technique to move from higher to lower normal forms of database modeling in order to speed up database access. By using denormalization we can enhance the performance of database. Denormalization is the process which is exactly opposite to normalizations in which we divide the data into many tables. Here in renormalization we are expecting the abstract of all the data from different tables in the database. Here is the diagram that shows the process of renormalizations:



In the diagram the ADDRESS table shows both normalization and denormalization.

In normalization all the data is divided in to different tables and there is relation between each table for accessing the information.

In today's era a person is having so many accounts in many banks. So each and every time it is not possible to remember the account number and his password during the transaction so because of this he may face problems to overcome this problem we can use the data Renormalizations to bring uniformity or to reduce to remember the account number and password every time.

ACTUAL IMPLEMENTATION

We maintain one separate Central account for each and every account in every bank in India for a person.

The structure or content of the central account is as follows:

TABLE 1.1

Bank account numbers
Bank name
Balance

TABLE 1.2

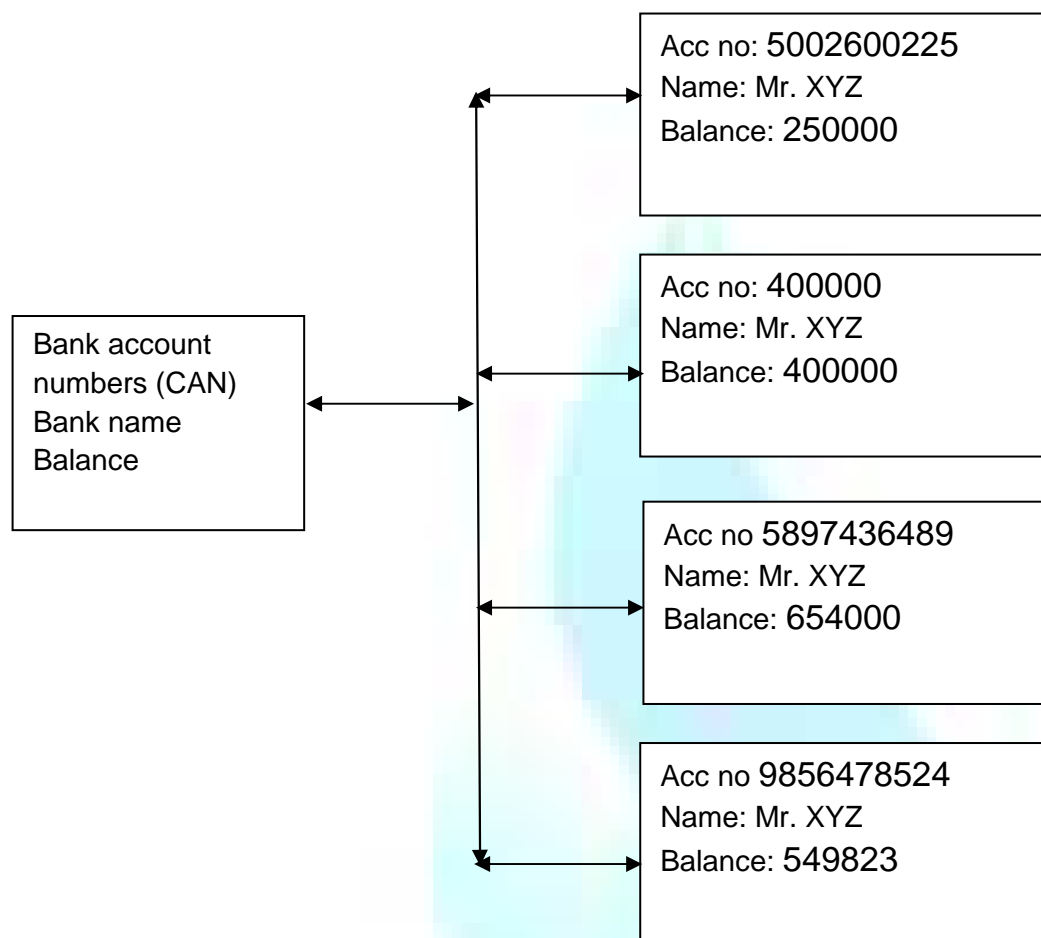
Bank Account Number	Bank Name	Balance
5002600225	State Bank Of India	250000
1235897424	Bank Of Maharashtra	400000
5897436489	Canara Bank	654000
9856478524	Bank Of Badoda	549823

Ex.

Central Account Id : 100000000001

Table 1.1 and 1.2 shows the account information of Central Account which include the bank account number which gives the information about the various accounts in different banks along with the second field Bank name of respective account. The next field shows the balance of the respective account. When we implement the actual denormalization concept connect all bank accounts to the central bank account which is shown as below:

FIG.: 2



The relation shown bidirectional arrow because whenever there is update in any of the account, immediately the central account will be updated. Due to this it is not necessary to remember all account numbers and passwords it will provide the little bit ease for the customer who do their transaction regularly.

HOW TO IMPLEMENT

1. If customers account already exists in the many banks, first collect all bank account information and generate one central account number and connect all other bank accounts to central account. If customer opens account in new bank. Connect each and every account that customer opens in the bank to the central account.
2. If customer opens new account then with that account the new central account will also generated.

BENEFITS

BENEFIT OF CUSTOMER

Instead of remembering all account information of various banks and passwords he can get the information by remembering only one account number and password with one click he can get all the accounts information of all his bank accounts.

BENEFIT FOR GOVERNMENT

1. If the get all the information or bunch of information in a single account information then it is very easy to know the total balance available his/her all account in overall India.
2. It leads to decrease the corruption because no one can hide his account information because all the banks comes under the Central Account Number (CAN)

CONCLUSION

By using CAN (Central Account Number) it is very easy to get all account information of a person to person himself as well as government. And because of denormalization the whole process speed up.

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I am sure that your feedback and deliberations would make future issues better – a result of our joint effort.

Looking forward an appropriate consideration.

With sincere regards

Thanking you profoundly

Academically yours

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