*BANKING SYSTEM*

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Introduction

Bank Of Ideas provides us with banking system which has been designed from managers’ perspective. It defines the various branches of a particular bank where different managers of different branches can log in to check their database of existing accounts in their branch as well as perform operations on that database. Currently it has been designed for 2 managers. When a manager logs in to his account he is provided with 2 hyperlinks:

* *CHECK DATABASE*: Clicking on this hyperlink the manager will be provided with the details of all the accounts in his branch.
* *OTHER FUNCTIONS*: Clicking on this hyperlink the manager will be shown by other functions. This window enables him to perform various other functions on an account. The various functions can be listed as:
* Search: In this option the manager has a choice either to select by name or by account number so that he is able to search any particular entry in an efficient manner.
* Sort: This is an option provided to the manager so that he is able to check the joining of an account and the accounts are sorted in descending order.
* Add Account: This option allows the manager to add a new account in his branch.
* Delete: This allows the manager to delete a particular account from his database.
* Transaction: This is an option in which amount can be credited or debited into users account.
* Loan: Loan option consists of three options namely ‘ ***add a new loan’*** which provides loan to the customer, ‘***show loans’*** which provides the database of all the loan holders, ‘***pay interest***’ option helps deducting the amount from the users loan amount.
* Send Mail: This option sends mail to the person on their registered e-mail id. For sending mail in ‘**from**’ textfield has to be changed to “**m\_rawat\_miet@sendgrid.net”.**

**SERVICES used**

Banking system is been included with 3 services namely:

* Dash-db: This service provides us with data storing, fetching, deleting from the database. Here it has been used for storing the details of the customers having an account in that branch. Searching for a particular account is possible from large amount of entries.
* Sendgrid: This service provides us with mail sending. Mail sending is used for sending the details of his account through e-mail or for sending e-mail so that customers are updated by their details. This service is a manual service.
* Twillio: This service provides us with message sending. Here message is automatically sent to a person when he credits or debits from his account or pays a part of his loan. This is made as an automatic service.

This is our Bank Of Ideas all about !!