ONLINE BANKING SYSTEM

ABSTRACT

Introduction:

When it comes to daily errands, the online banking system has made it way easier for many of its customers as well banks and other financial institutions and organizations. With banks being just a few clicks away; online banking allows customers to access their bank accounts from anywhere; 24/7 securely and conveniently. A new age online banking system allows customers to conduct day-to-day money transfers, direct deposits, bill payments to be carried out efficiently with utmost ease and comfort. With the concept of banking turning online, the users can keep a good eye, monitoring all their balance and pending transactions in real-time.

The main aim of this project is to design and develop a database for the bank to maintain records of various branches of the bank across the country, administrators' details as well customers' account details, account statements, transaction details, loan details (if availed by the customer) and bill payments in order to nurture the needs of an end banking user by providing various ways to perform banking tasks online.

Functionalities of the system:

Online banking is a multi-faceted system that involves the collaboration of multiple domains like engineering and management. To facilitate this, our online banking system has multiple modules which help both the administrators and the customers. Administrators manage the customer details and at the same time track and modify the amount in the customers' account. While the customers on the other hand, can create either savings or current account or both and proceed with their transactions, bill payments, applying and availing for loans. Also, the customer can view his/her own account details, account statement and all other details regarding transactions, loans, bill payments in their personal online account. Initially, while creating an account in the bank, the new customers are provided with a register link and the existing customers with a log-in link to access their account securely.

Online banking services the customers can avail:

- Customers can deposit money into their saving accounts for which banks pay them a certain interest.
- Customers are provided with loans for which customer has to pay interests.
- Customers can transfer money to any other bank account across different banks or to different branches of the same bank.
- Customers can avail debit/credit card from the bank, linking it up with their respective accounts.

Modules in the system:

- Interface creation for Online banking system.
- Register/Log-in by customers to access their bank accounts (savings or current or both)
- Maintaining records of deposition, transactions by customers and customer details.
- Issuing receipts, OTP(s) and mails for transactions.
- Maintaining records of administrators' details.
- Maintaining records of loans availed to customers.
- Debit/Credit card services
- Maintaining records of bill payments (electricity bills, water bills, municipal bills, credit/debit card bills, etc.)
- Report generation.

Benefits of the system:

The deployment of our system will ensure convenient and secure transactions, thereby providing maximum support to both the customers and administrators.

TEAM:

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Development platform:

- For Database - SQL
- For User Interface – HTML, CSS and JavaScript.

Signature of Class Handling Faculty