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Online Bank Management System Using PHP

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ABSTRACT: In today's world, Web Technology, Networking, Internet, Online Applications, etc. Such technologies are ruling over the world which are quite user-friendly. The craze of E-Banking, in the Corporate Sector is increasing day by day and turning the "impossible" into possible. The main aim of this project is to develop an Online Bank Application that can be easily accessed through organisation with proper login that has been provided. This application is responsible for maintaining the Customer's account in the organisation. Wherein, the Customer's Account is handled by Manager and Cashier. Also the Manager can keep a track on every module and hence can make further decisions and take actions accordingly.

KEYWORDS: Web Technology, Banking, User-friendly, Transaction, System Management.

I. INTRODUCTION

The main motive of this application is to make more comprehensible tasks, the tasks that is been related to banking process by making services available, with the help of this banking application in user-friendly manner. The advantage of this application may add up to planning and reducing the large and lengthy process of manual banking, so by making it well timed for the customers, they handle banking process as per their convenient time and place.

The System and Software specifications used for implementation during the development of this project are as follows:

Language: PHP

Database: MYSQL

Designused: HTML, JQuery, AJAX, Bootstrap

Browser Required: Google Chrome

Software used: XAMPP

The main features of this Bank Management are Bank, Dashboard, Account, New Account, Statements for Account, Money Transfer, Report and Notifications. The Bank Management System contains Admin which acts as Manager and other one is User. The user is then classified in two types, User 1 as Cashier and User 2 as Customer. The Admin Dashboard contains Bank, Home, Account, Add New Account and Feedback modules. Whereas, the User Dashboard contains Home, Account Information, Account Statement and Money Transfer modules.

The various sessions of the Banking Management meet at single platform without interfering into one another. The platform designed is very easy to understand and User-friendly. In this application, there are 3 types of sectors: Customer login, Manager Login and Cashier Login. The login is made by entering correct credentials. The Customers and Cashiers are added into the platform by Manager by entering their basic details and provide them credentials. The manager can view, send notice, delete or add a new user into the platform and also can view and keep track on the history of every user. The Manager can also send warnings or notifications to the users whenever required.

On other hand, the Customer, identified and verified by manager, can get on the same platform by login credentials to view his/her account information, Account statements, transfer money to another account and can contact with the manager using Contact Us module, which is directly sent to the Managers account. On the user's dashboard, we have also provided a professionally decent slides of Advertisements to make platform more attractive.

Lastly, in the Cashier Dashboard, the user identified and verified by manager as cashier can provide customers, the required details about their account by using their account number. The customers can also withdraw money from their account through cashier, by providing appropriate details as total amount or cheque number.

II. LITERATURE SURVEY

Mahmood Shah explained about the E-Banking, technologies, importance, overview, human involvement in banking sector, issues, future trends and strategic development in his study, which made us more interested in this application during implementation.

And in one of the survey/paper, we have studied about the International Banks and how they manage the overall accounts of the users and money transactions.

In safe Internet Banking, by GOBankingRates, FDIC, we studied about Phishing, Internet scams, Malware, Identity theft, Virus, Worm and how they can be avoided.

EbubeoguAmarachukwu Felix developed an Application where it performs operations like creating accounts, withdraws, deposits, money transfer and updation of the account details.

Inspired by the EdubeoguAmarachukwu Felix application, we have developed an application for Customers, Managers and Cashier, where they can perform their allotted task.

III. PROPOSED SYSTEM

The system Architecture is a conceptual model which explains the structure, behaviour and more views of the system or application. The complete Work-flow of the project can be understand and studied using System Architecture. The basic operations of each module/sector is explained in the system architecture, which helped us a lot during implementation of this application. It also provides a systematic way to approach the successful end of the application and keeps us away from the creating confusion.

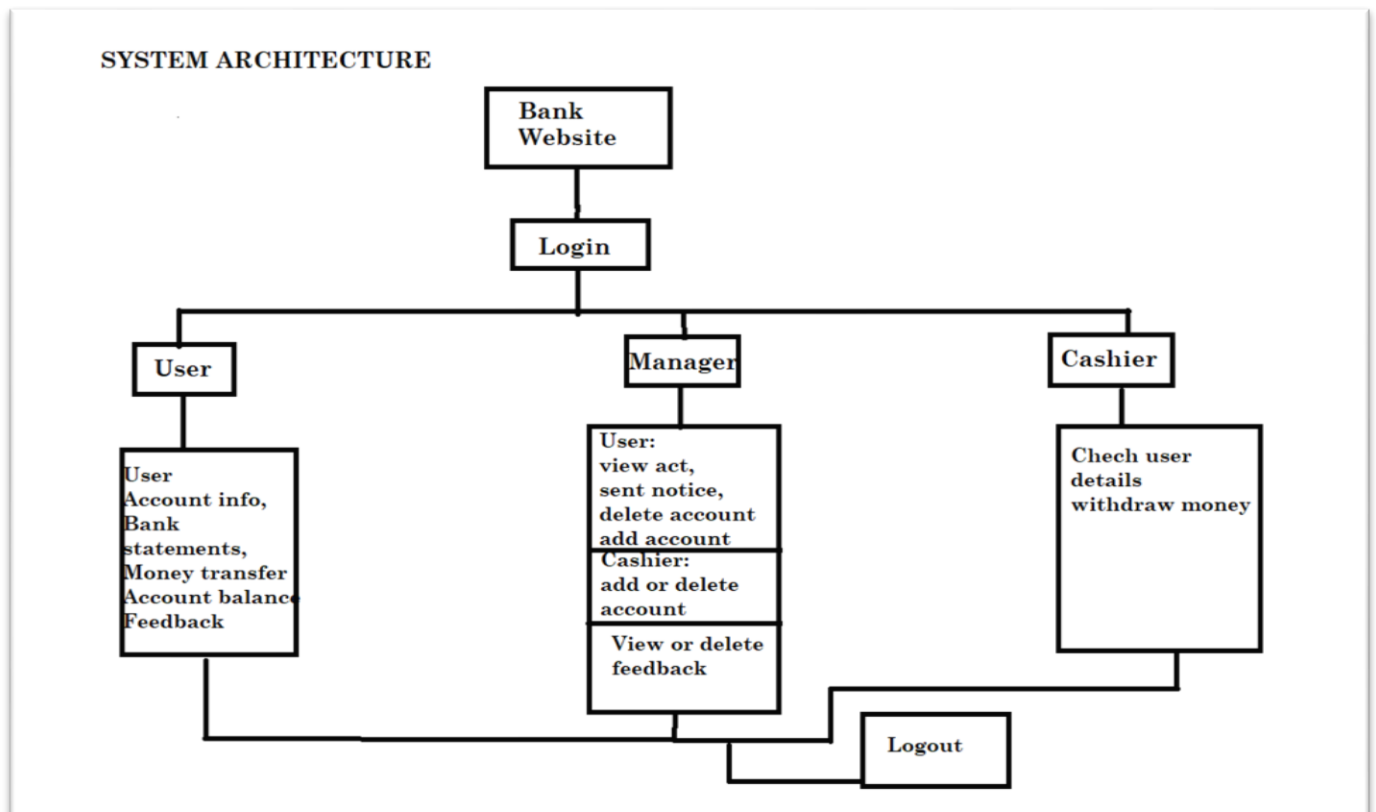


Fig.1 System Architecture for Online Bank Management System

IV. RESULTS AND DISCUSSION

Some of the web-pages from the Bank Management System are given below for reference:

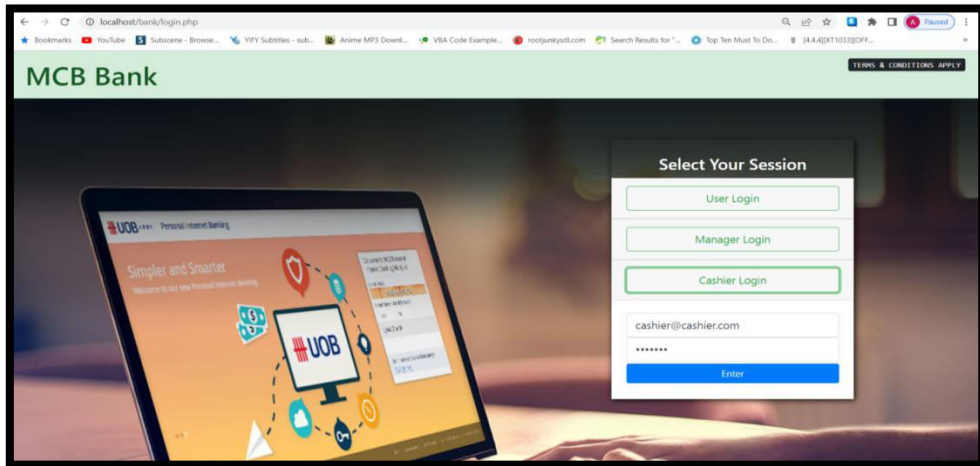


Fig 2.1 Front page

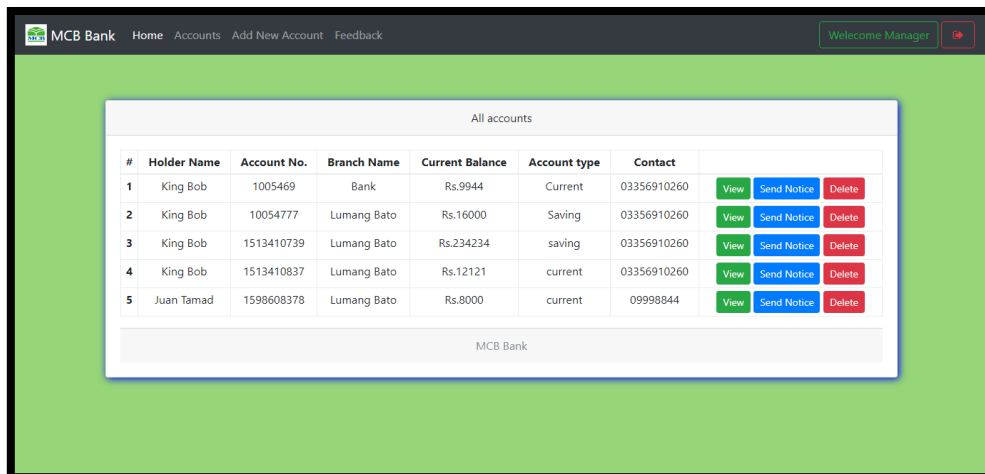


Fig 2.2 Manager Dashboard

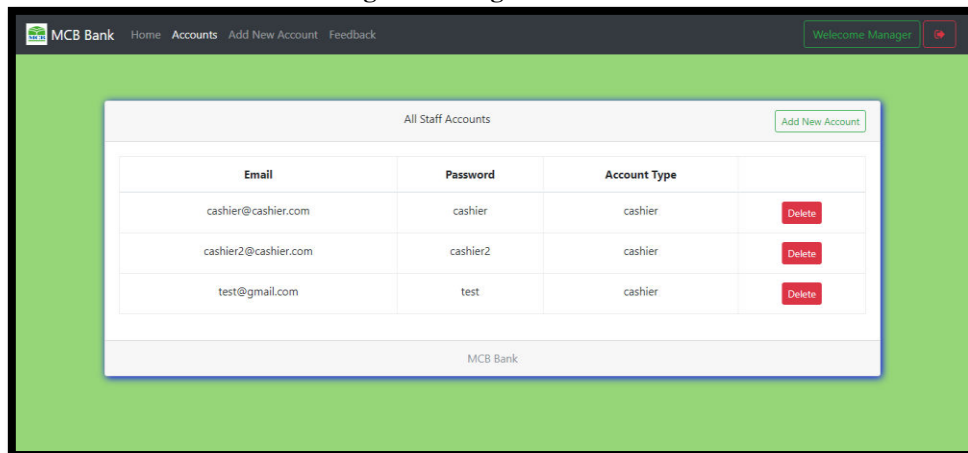


Fig 2.3 Manager Dashboard – Add Users

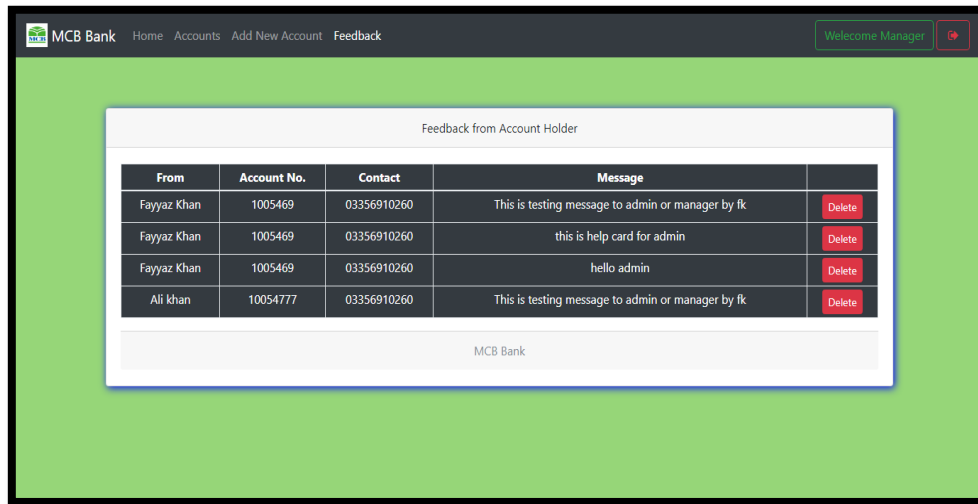


Fig 2.4 Manager Dashboard – Feedback Page

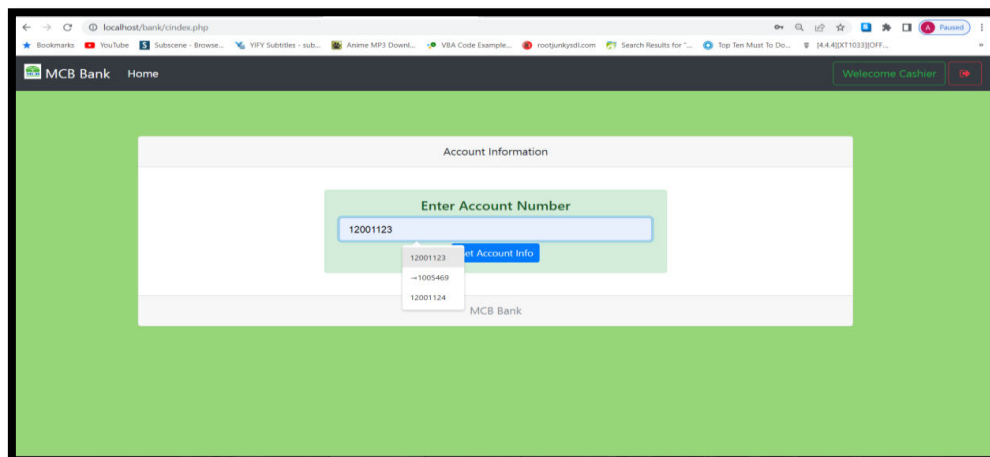


Fig 2.5 Cashier Dashboard

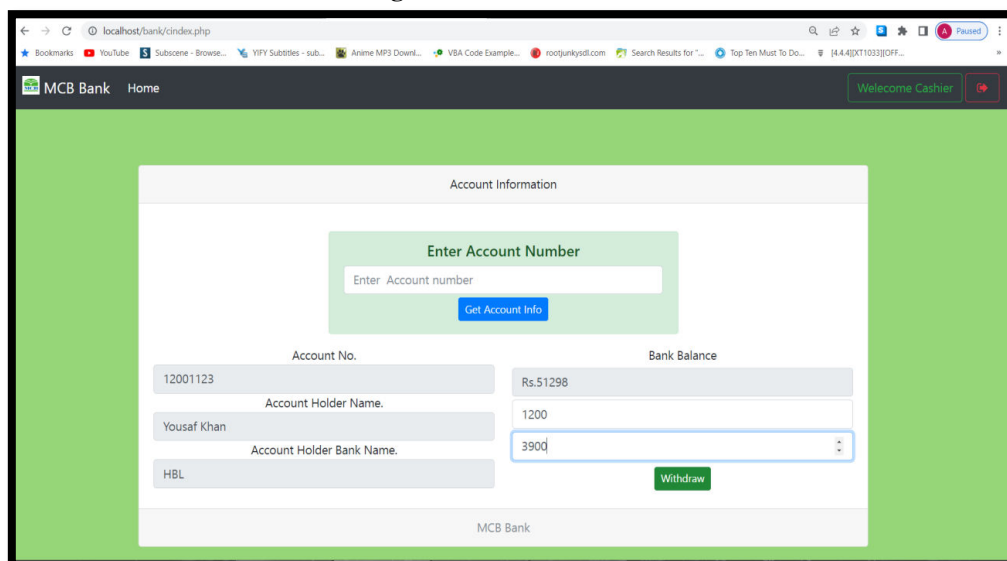


Fig 2.6 Withdraw Money

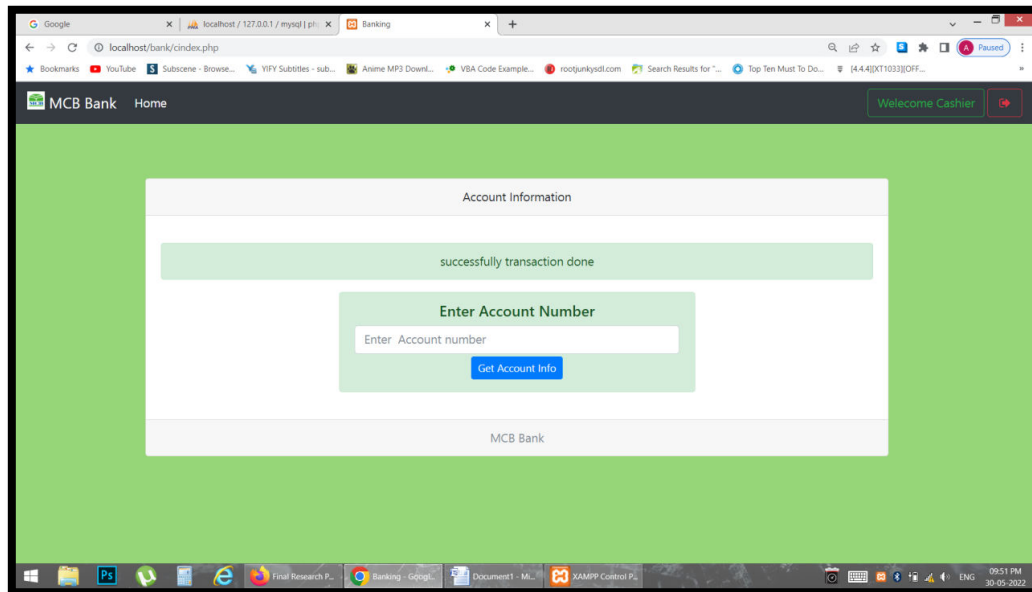


Fig 2.7 Money Transaction Page

V. CONCLUSION

The Bank Management System is built using the most up-to-date technologies. The project's major goal is to provide User-friendly UI and to reduce overall banking manual work. By using this application, time and money will be saved, as well as the work will be done according to the Customer's and Manager's convenience. Also the goal of E-Banking will be achieved.

VI. ACKNOWLEDGEMENTS

All of the authors listed have contributed a significant, direct, and intellectual contribution to the development of the features and have given their approval for publishing.

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