

Abstract: Bank transaction system which is developed in HTML, CSS, JavaScript, Bootstrap, MySQL and PHP (Web programming) is to provide a flexible solution for bank management system. With this system all users such as bank admin, bank employee and bank customers will find easy to use and able to perform all their operations using this system. Admin and Employee will be able to withdraw money, make transaction and deposit customer money. Customers will be able to see current balance.

Introduction: The "Basic Bank Transaction System" is an application for maintaining a person's account in a bank. The purpose to develop a project is to solve a financial application of a customer in a banking environment in order to nurture the needs of an end banking user by providing various ways to perform banking tasks. Banking system allow to add new customer account, deposit money, withdraw money, make transaction from one account to another account, account balance and account history

Project Background: The rapid advancement of technology has reshaped the way individuals and businesses interact with financial institutions. Customers now expect seamless and convenient banking services that allow them to manage their finances with ease. Traditional banking models have given way to online and mobile banking, making it imperative for banks to adapt to this digital paradigm. The motivation behind this project stems from the desire to bridge the gap between the evolving needs of customers and the capabilities of banking systems. By developing a Basic Bank Transaction System, we aim to provide a solution that aligns with the digital age, ensuring customers can perform essential transactions efficiently and securely.

Project Description: The "Basic Bank Transaction System" is designed to offer a simplified yet comprehensive platform for performing core banking transactions. This web-based system will enable users to conduct operations such as depositing funds, withdrawing cash, viewing transaction histories, account activities. The system will prioritize user-friendliness, security, and reliability, ensuring that customers can confidently manage their financial affairs.

Objective:

- To simplify and streamline core banking transactions, ensuring a hassle-free experience for customers.
- To enhance the security of financial transactions by implementing robust encryption and authentication measures.
- To provide real-time email notifications for various account activities, such as deposits, withdrawals, and low balance alerts.
- To improve accessibility and usability, ensuring that users of all technical backgrounds can navigate the system effortlessly.

Methodology:

- ❑ **Admin:** Admin can get all access of bank Transaction system. Admin will be able to login project using password that is set default in code. After login admin can change his account password.

- Employee portion
 - ❖ Add employee record
 - ❖ Total employee
- User account portion
 - User account queries
 - ❖ Create new account
 - ❖ Total
 - ❖ Show All accounts
 - ❖ Account history
 - Balance portion
 - ❖ Deposit money
 - ❖ Withdraw money
 - ❖ Send money
 - Change account password
 - Bank balance
 - Profile
 - Logout

- ❑ **Bank employee:** Bank employee will be able to login his account when his account is created admin. Employee can do following features:

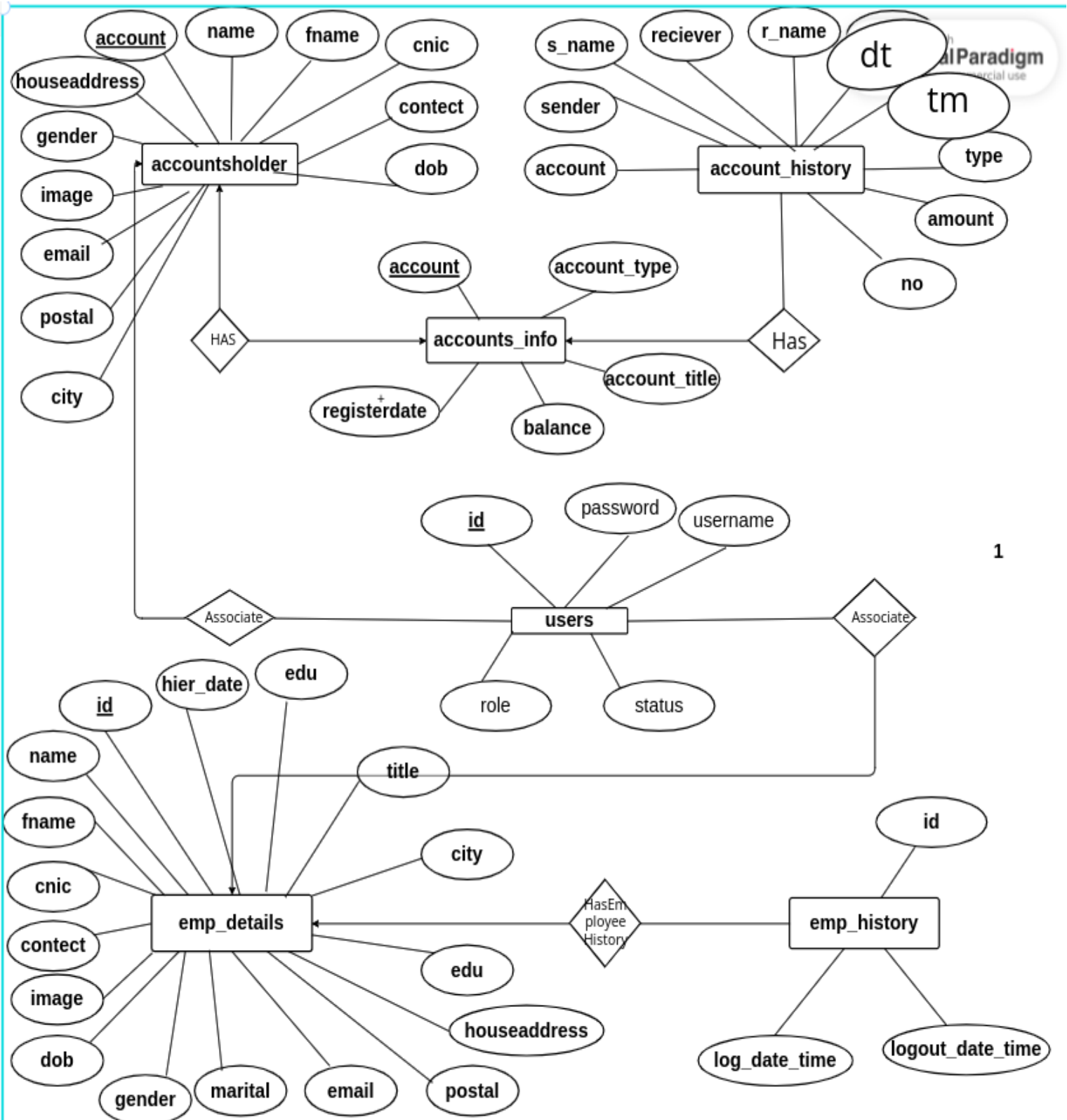
- User account queries
 - ❖ Create new account
 - ❖ Total
 - ❖ Show All accounts

- ❖ Account history
- Balance portion
- ❖ Deposit money
- ❖ Withdraw money
- ❖ Send money
- Bank balance
- Change Account password
- Profile
- Logout

☐ **User Panel:** Bank customer will be able to login his account when his account is created
admin and Employee can do following features:

- Account history
- Current Balance
- Change Account password
- Profile
- Logout

Database design:



Conclusion: In the "Basic Bank Transactions System" project, I've successfully created a simplified banking system that covers essential financial operations like account creation, deposits, withdrawals, and balance inquiries. This system not only offers a solid foundation for building more sophisticated banking software but also serves as a valuable educational tool, allowing users to grasp the core principles of banking transactions and providing hands-on experience for those interested in the banking industry. With this project, we've established a versatile platform ready for expansion with advanced features to meet evolving banking needs.