PROJECT

BANKE

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AHMED SULTAN ALSUHAYMI

About me

I AM AHMED SULTAN AL SUHAIMI, A DIPLOMA GRADUATE IN PROGRAMMING TECHNOLOGY AND WEB DEVELOPMENT WITH A GPA OF 4.74. I GRADUATED IN 2024. I AM PASSIONATE ABOUT DEVELOPING WEBSITES AND MANAGING DATABASES.

The Programs I Master:

- Microsoft Office:
  Word, Excel, Power Point
- Design Tools:
  Draw.io
- Database Management Systems:
  MySQL
- DevelopmentEnvironments
  Xampp, NetBeans, Visual Studio
- other: Microsoft Access

Technical skills

- Programming:
  HTML,PHP,CSS,JAVA
- DATABASE: MYSQL
- Development environment:
  NetBeans, Visual Studio
- Design tools: Microsoft Access, Draw.io

Contact Information

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PROJECT GRADUATION

ABOUT THE PROJECT

Designed and developed an Electronic Accounting Management System aimed at facilitating accounting operations and improving work efficiency. Implemented using modern technologies such as PHP, MySQL, and HTML

FUNCTIONRE QUIREMENTS

1. He has the ability to create an account.
2. has the ability to log in
3. It has the ability to display the balance.
4. It has the ability to transform.
5. He has the ability to take out a loan.
6. He has the ability to open a savings account.
7. He has the ability to make donations.
8. He has the ability to deposit into the savings account.
9. It has the ability to transfer from the main account to the savings account.

NON-FUNCTIONAL REQUIREMENTS

1. Safety
2. speed
3. Encryption
4. Ease of use

SYSTEM DESIGN:

3

Included transfer page showing sender/receiver details
·Added transaction feature with customer account management

2

Added transaction number feature in customer account page

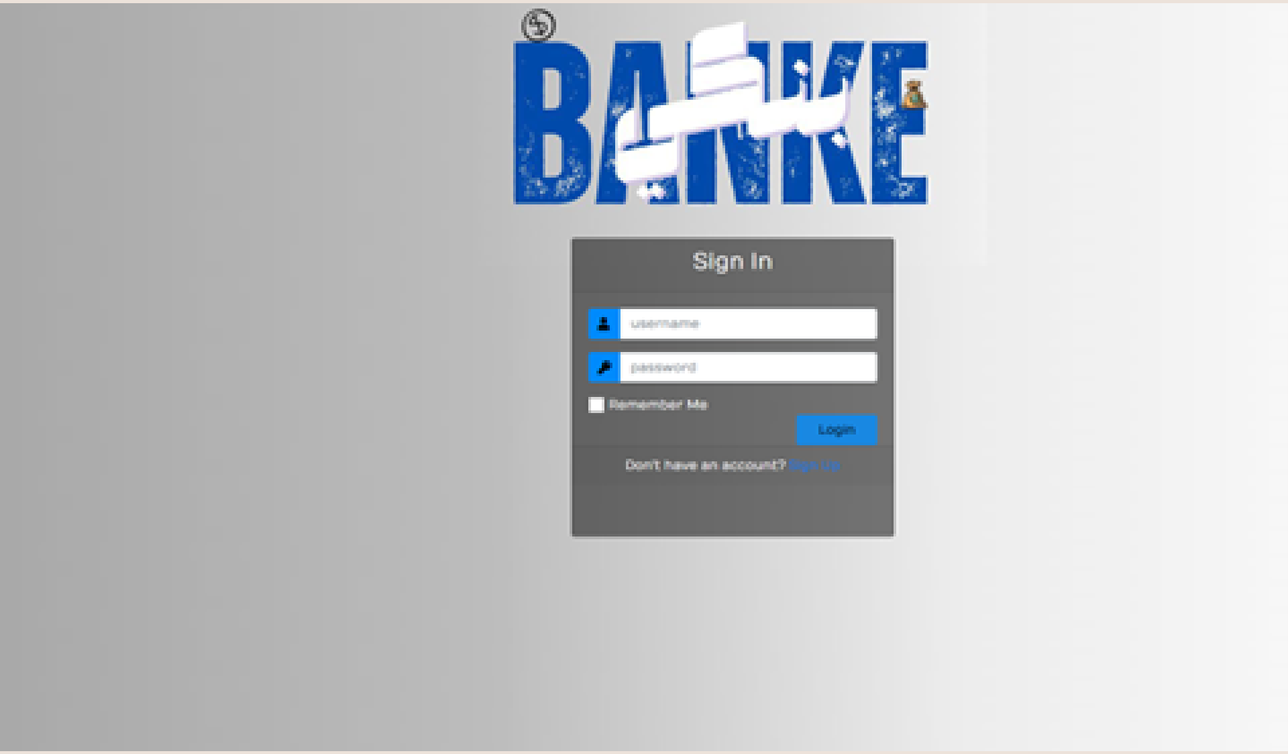
1

Focused on basic features like password reset and debit note

TECHNOLOGIES USED

1. Programming Languages: PHP, HTML, CSS
2. Database:MYSQL
3. Development Environment: XAMPP, NetBeans, Visual Studio
4. Design Tools: Draw.io, Microsoft Access

PICTURES FROM THE PROJECT

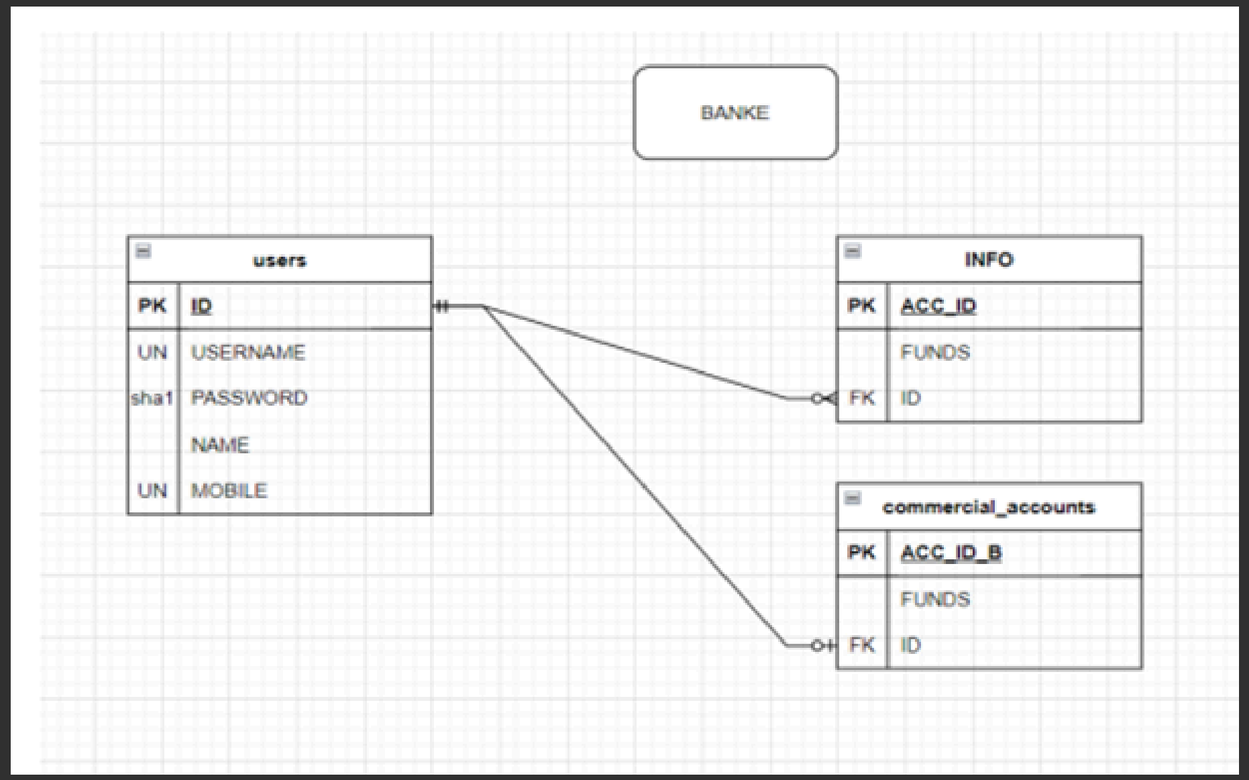


Login Page

Sign Up

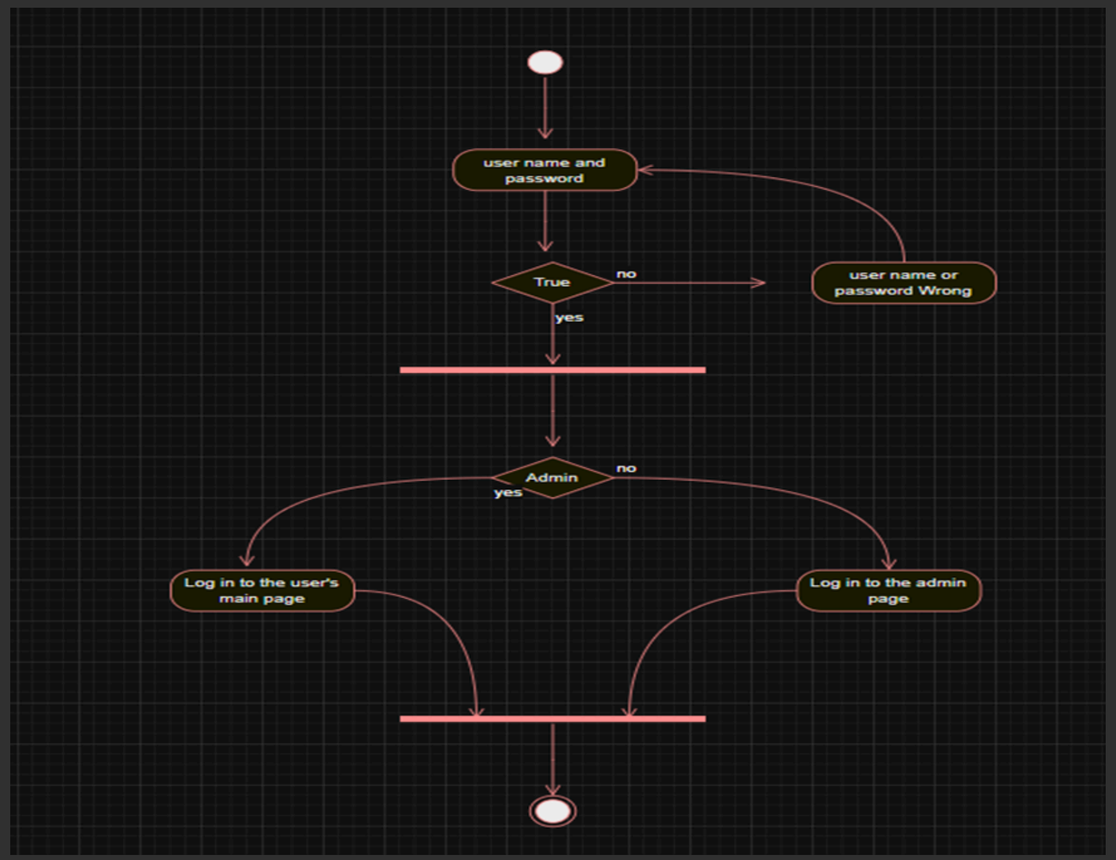
TIME LINE

JANUARY	FEBRUARY	MARCH
Database	Front-End	Back-End

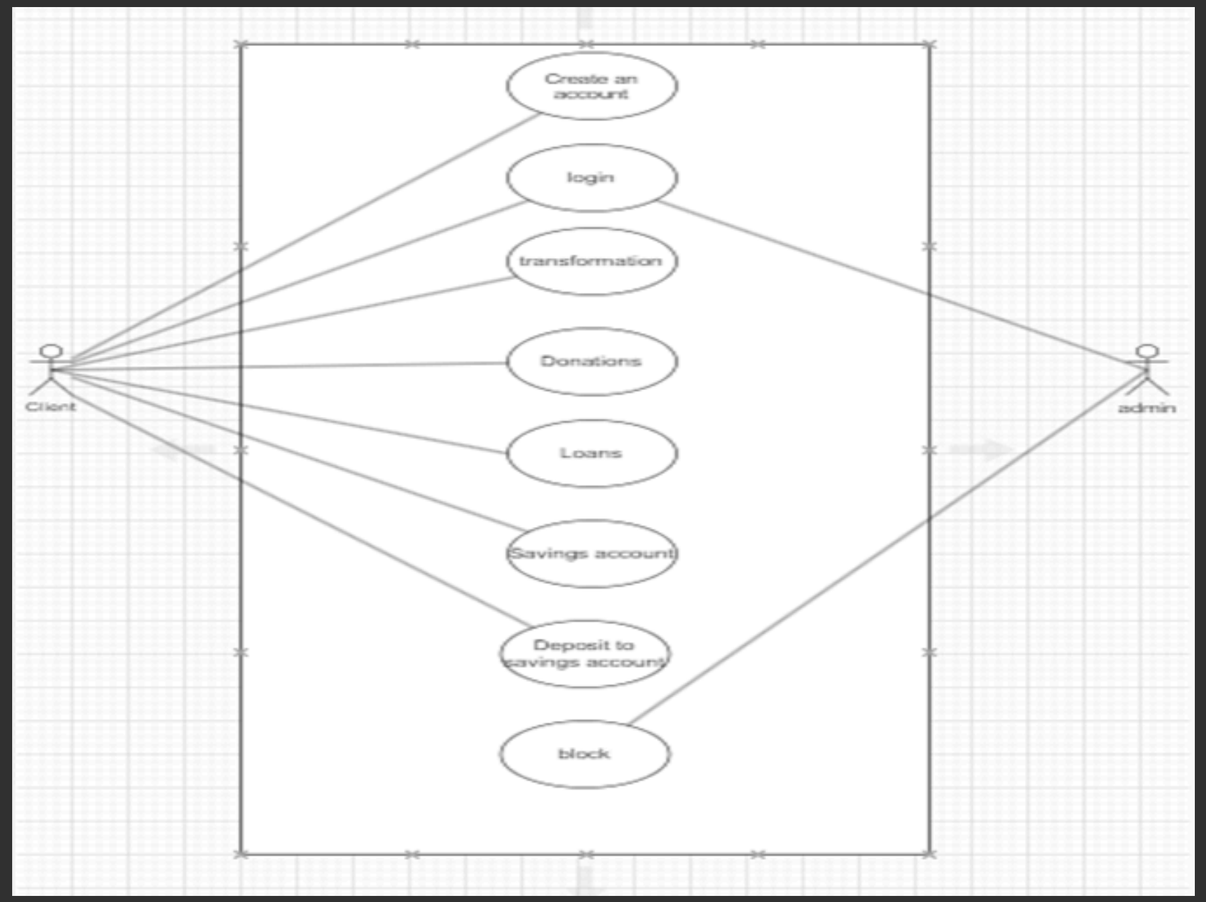


ERD DIAGRAM

THE RELATIONSHIP BETWEEN THE TABLE:
THE USERS TABLE BELONGS TO THE INFORMATION TABLE, WHERE THE RELATIONSHIP IN IT IS A ONE-TO-MANY RELATIONSHIP, WHERE ONE USER CAN OPEN SEVERAL ACCOUNTS, BUT THE ACCOUNT MUST HAVE ONE USER, AND THE RELATIONSHIP BETWEEN THE COMMERCIAL ACCOUNTS TABLE AND THE USERS IS A ONE-TO-MANY (OPTIONAL) RELATIONSHIP, WHERE THE USER CAN OPEN MORE THAN ONE COMMERCIAL ACCOUNT, BUT THE COMMERCIAL ACCOUNT MUST HAVE ONE USER.



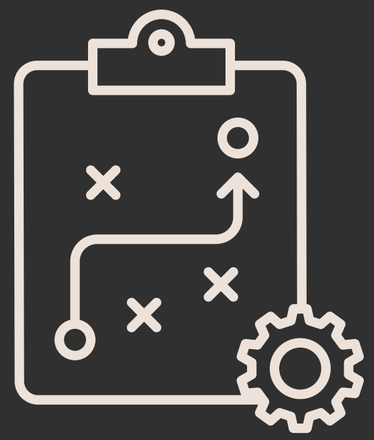
ACTIVITY DIAGRAM:



USE CASE DIAGRAM

TESTING

Test Case	Functionality Tested	Expected Result	Actual Result	Status
TC_1	User login	Successful login	Successful	Pass
TC_2	Invalid login	Error message	No login	Pass
TC_3	Incorrect password	Error message	Error shown	Pass
TC_4	Notifications	Message display	Displayed	Pass
TC_5	Debit note	Account update	Updated	Pass
TC_6	Transfers	Data display	Displayed	Pass



WORK TEAM

احمد سلطان السحيمي

Front-End
Back-End
DATABASE

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THANKS FOR YOUR TIME.