

Internship Project Report

Project Name: Banking Information System








Developer: Kunal Bharut

Internship Platform: upSkillCampus – Full Stack Internship




1 Project Overview:

The **Banking Information System** is a console-based Java application developed to simulate the basic functionalities of a banking system. It allows users to register, login, check their balance, perform deposits, withdrawals, and view transaction history. This project helps demonstrate fundamental Java programming skills and object-oriented concepts.




2 Features Implemented:

-  User Registration
 -  User Login & Authentication
 -  Check Account Balance
 -  Deposit Amount
 -  Withdraw Amount
 -  View Transaction History
 -  Session-based transaction tracking
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3 Technology Stack:

-  **Programming Language:** Java (Core Java)
 -  **Database:** None (Data stored in runtime memory)
 -  **Interface:** Console-based (Text-based UI)
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File Structure:

-  **BankingSystem.java**
Contains the main logic, user menu, and handles operations.
 -  **User.java**
Manages user details such as name, email, balance, and stores transaction history.
 -  **Transaction.java**
Records each transaction with type (Deposit/Withdraw), amount, and date.
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How It Works:

- A user can **register** by providing their name, email, and password.
 - After registration, the user can **login** using email and password.
 - Once logged in, the user can:
 -  Check balance
 -  Deposit or withdraw money
 -  View the full transaction history within that session
 - Each transaction is recorded with date, amount, and type (Deposit or Withdraw).
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Learning Outcomes:

-  Gained hands-on experience with Java syntax and OOP (Object-Oriented Programming).
-  Learned to build real-world menu-driven applications.
-  Understood class creation, object handling, and method implementation in Java.
-  Enhanced problem-solving skills in software development.

7 Conclusion:

This project demonstrates a simple yet functional banking system using Java. It effectively highlights the practical use of classes, objects, and basic control flow. The project lays the foundation for further learning in backend development, database integration, and UI enhancement.

8 GitHub Links:

-  **Code File Link:**
<https://github.com/username/upskillcampus/BankingInformationSystem.java>
 -  **Report File Link:**
https://github.com/username/upskillcampus/blob/main/BankingInformationSystem_Kunal_USC_UCT.pdf
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Submitted By:

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