Bank Management System

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Abstract: *This project explores the design and development of a command-line based Bank Management System using the C programming language within the WSL (Windows Subsystem for Linux) environment. The system replicates essential banking functionalities such as account creation, balance inquiries, deposits, withdrawals, transaction history, and account deletion. A key feature of this system is the implementation of an Admin Module, which allows authorized personnel to perform advanced tasks like managing all user accounts, performing secure deletions, and viewing transaction logs. The main objective is to create a secure, efficient, and user-friendly terminal-based banking solution that not only enhances user interaction but also integrates fundamental programming concepts such as file handling, structures, and modular programming in C. This system also demonstrates real-world application of security mechanisms through authentication and restricted access for administrative functions.*

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