

Project Proposal

Semester: Fall 2024

Section: BCS-6G

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Project Title: Banking Web Application

Project Domain: Finance

Implementation Language: Python

Abstract:

This project proposes the development of a comprehensive Banking Management System designed to streamline the operations of financial institutions. By leveraging the latest technologies in software engineering, our system aims to offer a robust, secure, and user-friendly platform for managing banking transactions, customer data, and financial records. The system will be developed as a web application using Django Python Framework, enabling easy access for both bank staff and customers from any location. Key features will include account management, loan processing, transaction tracking, and financial reporting which will all be supported by strict security measures to protect sensitive data. Our goal is to enhance the efficiency of banking operations, improve customer service, and ensure compliance with financial regulations. Through this system, we aspire to address the evolving needs of the banking sector and set a new standard for banking software solutions.

List of 5 to 10 Main Features:

1. Login/Sign-up
2. Bill Payments
3. Card Details (Freeze and Unfreezing functionality)
4. Transaction Details
5. Account Details
6. Deposits and withdrawals
7. Mobile Top-up
8. Online Purchases
9. Beneficiaries
10. Budget Planner