Feasibility Report

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Contents

1 Technical Feasibility

1.1 Technology Requirements

- Programming Language: JAVA swing

- Storage: mysql

2 User Feasibility

2.1 Target Users

- Bank Tellers: Daily transaction processing and client management

- Bank Managers: Oversight and reporting functions

- Administrators: System maintenance and user management

- Customers: Indirect users through bank services

2.2 Comparative Analysis

- **Advantages**: cost-effective, reduced errors, Object-oriented design, security features, multi-currency support.

3 Schedule Feasibility

3.1 Project Timeline

- **Week 1**: Planning

- **Week 2-3**: Core Development

- **Week 4-5**: Advanced Features

- **Week 6**: Testing

4 Improvement Areas

4.1 Immediate Enhancements

- **Web Interface**: Develop a web-based frontend for broader accessibility

- **Mobile Application**: Companion app for customer self-service

- **API Development**: RESTful APIs for third-party integrations

4.2 Long-term Improvements

- AI Integration: Fraud detection using machine learning

- Blockchain: Secure transaction recording

- Cloud Deployment: Scalable cloud infrastructure

- Advanced Analytics: Customer behavior analysis and reporting

- Multi-language Support: Internationalization for global use