**Business Requirements Document (BRD)**

**BOFA Banking App**



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**1. VERSION AND APPROVALS**

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| --- | --- | --- | --- | --- |
| Version | Date | Author | Approver |  |
| 1.0 | 08/19/2024 | [@Edigi Rakesh Goud](javascript:%20void;) | [Approver Name] |  |

**2. EXECUTIVE SUMMARY**

The BoFA Banking App project aims to significantly improve user experience by introducing faster and more secure login options through advanced biometric technology, including fingerprint and face scanner authentication. This enhancement eliminates the need for traditional PINs and passwords, reducing login times and providing a seamless access experience for users. The integration of biometric security not only increases convenience but also enhances the app’s overall security, making it harder for unauthorized access. In addition to improved login features, the app will offer users detailed expenditure reports, allowing them to select any month and view a comprehensive breakdown of their spending. These reports will categorize expenses, helping users easily track where their money goes and identify spending patterns. By providing clear insights into monthly expenditures, the app empowers users to manage their finances more effectively and make informed budgeting decisions. The project is designed to address common pain points in digital banking, such as slow access and a lack of financial transparency. Ultimately, these enhancements aim to boost user engagement, improve financial literacy, and position Bank of America as a leader in innovative banking solutions.

**3. PROJECT DETAILS**

* **Project Name**: BOFA Banking App
* **Project Manager**:
* **Start Date**: 09/02/2024
* **End Date**:

**4. PROJECT OVERVIEW**

The main goal of this project is to enhance the BoFA Banking App by integrating advanced biometric technologies, including fingerprint and face scanner options, to enable faster and more secure login for users. This improvement will replace traditional password-based access, reducing login times and providing a seamless, user-friendly experience. In addition to biometric authentication, the app will feature a new expenditure tracking system, allowing users to generate detailed reports of their spending for any selected month. These reports will categorize expenses, offering clear insights into spending patterns and helping users understand where their money is going. By empowering users with this financial information, the app aims to support better budgeting and financial management. Overall, these enhancements are designed to improve user satisfaction, increase engagement with the app, and solidify BoFA’s reputation as a leader in digital banking innovation.

**5. BUSINESS REQUIREMENTS**

**Objectives**

1. **Implement Faster Login**: Integrate fingerprint and face scanner technology to allow users to log in quickly and securely.
2. **Monthly Expenditure Reports**: Enable users to view their total expenditure for a selected month.

**Functional Requirements**

1. **User Authentication**
   * Users should be able to log in using fingerprint or face scanner.
   * The app should support multiple biometric authentication methods.
   * Ensure compatibility with both Android and iOS devices.
2. **Expenditure Reports**
   * Users should be able to select a specific month to view their expenditure.
   * Display detailed expenditure breakdowns by category.

**6. USE CASE DIAGRAMS**

**7. HIGH-LEVEL PROCESS FLOW DIAGRAM**

**8. BUSINESS RULES**

1. **Authentication Rules**
   * Users must have a registered fingerprint or face ID on their device.
   * Biometric data must be stored securely and comply with privacy regulations.
2. **Expenditure Report Rules**
   * Users can only view expenditure reports for months where transactions exist.
   * Data should be updated in real time to reflect the latest transactions.

**9. FUTURE ENHANCEMENTS**

1. **Multi-Factor Authentication**: Implement additional security layers such as SMS or email verification.
2. **Advanced Analytics**: Provide users with insights and trends based on their spending habits.
3. **Integration with Other Financial Tools**: This allows users to link other financial accounts for a comprehensive view of their finances.