Software Requirement Specification (SRS) Financial Enterprise Application

1. Introduction

1.1 Purpose

This document specifies the software requirements for the Financial Enterprise Application, designed to process, track, and manage financial transactions, reporting, and analytics for enterprise-level organizations.

1.2 Scope

The application will serve as a centralized platform for managing accounts, conducting transactions, generating reports, supporting user roles, and ensuring security and compliance.

1.3 Definitions, Acronyms, and Abbreviations

- **SRS:** Software Requirement Specification
- **KYC:** Know Your Customer
- **API:** Application Programming Interface

1.4 References

- Enterprise Financial Standards Documentation
- Domain Regulatory Compliance Guidelines

1.5 Overview

This SRS provides an outline for the system features, functional and non-functional requirements, assumptions, and constraints.

2. Overall Description

2.1 Product Perspective

The application is a standalone, web-based solution with optional integration to existing enterprise systems via standardized APIs.

2.2 User Classes and Characteristics

- System Administrators
- Finance Managers
- Accountants
- Auditors
- General Users (Employees)

2.3 Constraints

- Must comply with relevant financial regulations and standards.

- Web application must support latest versions of major browsers.

2.4 Assumptions and Dependencies

- Reliable internet connectivity for web-based access.
- Users have assigned roles and permissions.

3. Specific Requirements

3.1 Functional Requirements

1. User authentication and authorization
2. Role-based access control
3. Account management (create, update, deactivate)
4. Transaction processing (add, update, view, delete)
5. Real-time balance updates
6. Reporting module (financial statements, analytics)
7. Audit log and tracking
8. Notifications (email, in-app)
9. Integration with payment gateways

3.2 Non-Functional Requirements

- System availability: 99.9% uptime
- Data encryption at rest and in transit
- Scalability for up to 10,000 concurrent users
- Response time: <2 seconds for key operations
- Data backup every 4 hours

3.3 External Interface Requirements

Type	Description
User Interface	Web-based, responsive design, keyboard accessibility
API	RESTful API for integration (e.g., with payroll, ERP)
Reports	Export in PDF, XLSX, CSV formats

4. Appendices

- Sample User Roles and Permissions Matrix
- Compliance Checklist