

# Table of Contents

## 1. Introduction

- 1.1 Purpose
- 1.2 Project Scope
- 1.3 Stakeholders
- 1.4 Glossary

## 2. Software Requirements Specification

- 2.1 Functional Requirements
- 2.2 Non-Functional Requirements
- 2.3 Constraints
- 2.4 Validation Criteria

## 3. System Design

- 3.1 Architectural Patterns
- 3.2 System Architecture
- 3.3 Class Classification
- 3.4 Interaction Patterns
- 3.5 Design Patterns

## 4. UML Diagrams

- 4.1 Use Case Diagrams
- 4.2 Class Diagrams
- 4.3 Sequence Diagrams
- 4.4 Activity Diagrams
- 4.5 Collaboration Diagrams
- 4.6 Object Diagrams
  - 4.6.1 User Registration
  - 4.6.2 Send Money
  - 4.6.3 Link Bank Account
  - 4.6.4 Request Money
  - 4.6.5 Support Ticket
  - 4.6.6 Block App Transactions

## 5. Database Design

- 5.1 ER Diagrams
- 5.2 Database Schema
- 5.3 Data Dictionary

## 6. Implementation Details

- 6.1 Backend Architecture
- 6.2 Frontend Architecture
- 6.3 WebSocket Server
- 6.4 Nginx Configuration
- 6.5 Error Handling and Optimization

## 7. Testing

- 7.1 Testing Strategy
- 7.2 Test Cases
- 7.3 Test Results

## 8. References