

BANKING WEB APPLICATION

REQUIREMENTS & PLANNING

- 1.1 Project Scoping and Definition
- 1.2 Gather Business Requirements
- 1.3 Define Functional & Non-Functional Requirements
- 1.4 Project Planning & Timeline
- 1.5 Risk Assessment

SYSTEM DESIGN

- 2.1 System Architecture Design
- 2.2 Database Design for Banking Accounts
- 2.3 API Specifications Documentation
- 2.4 UI/UX Design
- 2.5 Security Design

DEVELOPMENT - CORE INFRASTRUCTURE

- 3.1 Database Implementation for Accounts and Transactions
- 3.2 User Authentication Framework with OTP
- 3.3 OTP via SMS Integration
- 3.4 Account Management System
- 3.5 Transaction Processing Engine

DEVELOPMENT - ACCOUNT HOLDER FEATURES

- 4.1 User Registration & Authentication
- 4.2 Account Dashboard with Balance Display
- 4.3 Internal Fund Transfer Functionality
- 4.4 External Fund Transfer Functionality
- 4.5 Transaction History View

DEVELOPMENT - TELLER SYSTEM

- 5.1 Teller Authentication & Authorization
- 5.2 Deposit Transaction Processing
- 5.3 Withdrawal Transaction Processing
- 5.4 Account Lookup & Management Tools
- 5.5 Customer Search Functionality

DEVELOPMENT - API IMPLEMENTATION

- 6.1 Fund-Transfer Endpoint Implementation
- 6.2 Intra-Transfer-External Endpoint Implementation
- 6.3 Receive-External-Transfer Endpoint Implementation
- 6.4 API Security Implementation
- 6.5 API Documentation

TESTING

- 7.1 Unit Testing
- 7.2 Integration Testing
- 7.3 System Testing
- 7.4 Performance Testing
- 7.5 User Acceptance Testing (UAT)

DEPLOYMENT & LAUNCH

- 8.1 Prepare Deployment Environment
- 8.2 Data Migration
- 8.3 Deploy System
- 8.4 Go-Live Execution
- 8.5 Post-Deployment Support

DOCUMENTATION & SUPPORT

- 9.1 Technical Documentation
- 9.2 User Manual
- 9.3 Training Sessions
- 9.4 Bug Fixes & Patches
- 9.5 System Monitoring