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

SYSTEM DESIGN

2.1 System Architecture Design
2.2 Database Design for Banking Accounts
2.3 API Specifications Documentation
2.4 UI/UX 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 Receive-External-Transfer Endpoint Implementation
6.3 API Security Implementation
6.4 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 Bug Fixes & Patches