

StackOverCash Work Breakdown Structure

1. Planning & Initial Setup

- 1.1 Work Breakdown Structure (WBS) Creation
 - 1.2 Use Case Diagram & User Stories
 - 1.3 Initial Project Timeline & Sprint Planning
 - 1.4 Setup of Web Hosting (AWS EC2)
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2. System Design

- 2.1 Version Control & CI/CD Configuration (GitHub Actions)
 - 2.2 Setup Tech Stacks
 - 2.3 System Architecture Design
 - 2.4 Database Design for Banking Accounts
 - 2.5 API Specifications Documentation
 - 2.6 UI/UX Wireframing and Mockups
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3. 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
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4. 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
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5. 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
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6. 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

7. Testing

- 7.1 Unit Testing
- 7.2 Integration Testing
- 7.3 Performance Testing

8. Deployment & Launch

- 8.1 Prepare Deployment Environment
- 8.2 Deploy System
- 8.3 Go-Live Execution

9. Documentation

- 9.1 Technical Documentation
 - 9.2 Bug Fixes & Patches
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