## Case Study # 03: CASH WITHDRAWAL SYSTEM

| **Functional Requirements** | **Non-Functional Requirements** |
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| 1. Authenticate users via PIN or biometric verification before allowing withdrawal. | 1. The system should be available 24/7 with minimal downtime (e.g., 99.9% uptime). |
| 2. Allow users to enter the withdrawal amount within their account balance limit. | 2. Transactions must be processed within 3 seconds to ensure quick service. |
| 3. Dispense the requested cash amount accurately and securely. | 3. The system must maintain data confidentiality and comply with security standards. |
| 4. Provide transaction receipts upon user request. | 4. The system should handle concurrent transactions without performance degradation. |
| 5. Update account balance immediately after withdrawal. | 5. The system must log all transactions for audit and fraud detection purposes. |