ATM Hardware Specification & Peripheral Standards (v1.2)

Prepared By: Hardware Integration Team

1. Cassette & Cash Dispenser Specifications

- **Note ID:** HW-SPEC-01
- The cash cassette mechanism supports up to 4 individual cassettes.
- Maximum capacity per cassette: 2,000 notes per denomination ($20, $50, $100).
- Hardware sensor triggers a physical low-cash warning at 15% remaining capacity (Overrides software alert setting).

2. Receipt Printer Unit

- High-speed thermal printer module (80mm paper roll).
- Support for graphical logos and barcode generation for transaction verification.

3. Card Reader & Security Shutter

- Motorized hybrid card reader supporting EMV chip and magnetic stripe.
- Automatic card capture mechanism triggered upon receiving command from Bank Server (3 failed PIN attempts).