**SYSTEM REQUIREMENTS SPECIFICATIONS OF ATM**

**PURPOSE:**

This document describes the software requirements and specification for an automated teller machine (ATM) network. The document is intended for the customer and the developer

(designers, testers, maintainers).

**SCOPE:**

The network enables customers to complete simple bank account services via automated teller machines (ATMs) that may be located off premise and that need not be owned and operated by the

customer’s bank. The ATM identifies a customer by a cash card and password. It collects information about a simple account transaction (e.g., deposit, withdrawal, transfer, bill payment), communicates the

transaction information to the customer’s bank, and dispenses cash to the customer.

**FUNCTIONAL REQUIREMENTS:**

**R1: SYSTEM INITIALIZATION:**

INPUT: System is initialized with the following parameters:

1. maximum withdrawal per day

2. maximum withdrawal per account.

3. Minimum cash in ATM

4. Total Fund in ATM

OUTPUT: The parameters are set.

**R2: ENTER CARD:**

INPUT: Customer enters the card.

OUTPUT: If the card is valid then allow the transaction to be processed.

**R3: TRANSACTION PROCESSING:**

INPUT: The user enters the password .The ATM verifies the bank code and password with the bank computer.

OUTPUT: Send serial no and password to bank computer. wait for bank response.

**R4: AUTHORIZATION COMPLETED:**

INPUT: If the serial no and password are valid authorization is completed.

OUTPUT: If authorization is completed then start the dialogue box.

**R5: OPERATION WITHDRAWAL**

INPUT: Enter the amount to be withrawed.

OUTPUT: Amount entered is compared with maximum allowed withdrawal.If found less then the withdrawal proceeds.

**R6: LOGOUT:**

INPUT: The user chooses to exit.

OUTPUT: The cash n card with the receipt is printed out.