Functional Requirements of ATM Machine

1. ATM Machine

Type	Requirement
Functional	Authenticate users via card and PIN.
Functional	Display account balance.
Functional	Allow cash withdrawal with amount confirmation.
Functional	Accept cash deposits and update balance.
Functional	Transfer funds between accounts.
Functional	Provide recent transaction history.
Functional	Support multiple languages.
Functional	Generate receipts for transactions.
Functional	Auto logout after inactivity (session timeout).
Functional	Lock account after suspicious activity.

Non-Functional Requirements of ATM Machine

Type	Requirement
Non-Functional	24/7 availability with minimal downtime.
Non-Functional	Response within 5 seconds; transactions in 30s.
Non-Functional	User-friendly, accessible interface.
Non-Functional	High security with encryption and tamper-proof.
Non-Functional	Scalable for future expansion.
Non-Functional	Remote maintenance and diagnostics.
Non-Functional	Interoperable with multiple banks and cards.
Non-Functional	Compliance with data privacy and financial laws.
Non-Functional	Environmentally resilient and energy-efficient.
Non-Functional	Backup power and disaster recovery systems.