credit card management systems

1. **Problem - Statement:** The current process of managing credit card accounts is fragmented and inefficient. users often face difficulties in tracking their transactions, managing payments, and monitoring credit limits.

Scope

2. The Credit card management system will streamline account managemet for users and financial institutions including.
   - User registration and authentication
   - Transaction history and analysis
   - Payment scheduling and reminder
   - credit limit monitoring limit

3. **Functional Requirements:**

   - user Registration
   - Transaction Tracking
   - Payment management
   - user Management
   - alerts.

4. **Non-Functional Requirements:**

   - **Performance** - support 10,000 concurrent users; response time under 2 seconds
   - **Security.** Strong encryption and multifactor authentication

Usability: Intuitive interface, compatible with multiple devices

5. Domain Requirements: operate within the financial services.

• PCI-DSS- Compliance. Adhere to security standards for credit card data.

• AML and KYC: implement policies to prevent fraud and comply with financial regulation

• Account creation, secure account set up with identity verification