

(2) usability : should have user friendly interface.

(3) Reliability

(4) Security : Payments and customers data needs to be secured.

(5) Scalability

(6) Maintainability

↳ Domain Requirements

The requirements would be to ensure essential data management.

and detect false bookings and reservations

(2) credit card Processing System

↳ Problem statement

A lot of business face challenges to ensure secure and efficient processing of credit card transactions, leading to delays, errors and customer disappointment. Hence the need for a credit card processing system is essential to enhance transaction speed and security.

↳ Scope

The project focuses on developing a credit card processing system that handles online and in-store transactions, authentication, security.

↳ Functional requirements

- Transaction Processing - Authorize and capture
- User Authentication - Secure and safe manner
- Reporting - Allow people to process refunds and refund

and generate receipts of transaction
Integration

Non functional Requirements

- Performance - Response time
- Scalability, efficiency
- Security - Safe transactions without malware.
- Availability

Domain Requirements

- Payment gateway Integration
- Fraud detection is essential and ensure currency support.

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