

Credit - Card System

i) Introduction

1.1 Problem Statement: Need for secure, efficient systems to process credit card transactions with security and speed for businesses

1.2 Scope: This system will handle transactions, refunds, chargebacks, fraud detection, reporting

1.3 Purpose: Provides secure and efficient platform for credit card transactions with enhancing security and customer satisfaction

ii) Functional Requirements

2.1 Authentication

2.11 Billing + Support

2.2 Fraud detection

2.12 Customer Support

2.3 Database Management

2.4 Data Encryption

2.5 Refunds

2.6 Reporting System

2.7 charge backs

2.8 Card Issuance

2.9 Acc Management

2.10 Transaction Processing

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iii) Non-functional Requirements

3.1 Reliability

3.2 Maintainability

3.3 Data Integrity

3.4 Backup Recovery

3.5 Security

3.6 Performance

3.7 Availability

iv) Domain Requirements

4.1 Banking Interface

4.2 Payment Gateway

4.3 Customer Feedback

v) Appendix

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