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CREDIT CARD MANAGEMENT SYSTEM

INTRODUCTION

PURPOSE: The purpose is to describe the requirement for devloping a credit card management system. It provide detailed descriptions for stake holder, devloper and user.

SCOPE: Its scope is to provide the management of credit card, insurance, accounting mangement.

OVERVIEW: System is intended to provide an automated platform - to manage the life cycle of credits card, including tro insurance, transaction and payment.

GENERAL DESCRIPTION

The System will manage credit card application, transaction. It allow cardholder to make payment, view transaction and other of function. while the administrators can manage card application, set limit and generate reports. The main group include cardholder, administrators.

FUNCTIONAL REQUIREMENT

1) Credit Card Application Management : support, applying, reviewing.

2) Transaction Processing : Enable tracking of transaction in real time.

3) Billing and Statement : Generate monthly billing statement.

4) Payment Management : Facilities only payment.

5) Customer Service : Spor supports reporting for handling disputes

INTERFACE REQUIREMENT

System include these interface requirements:

1) User Interface : for interaction for cardholder, administrator and customer service.

2) Database Interface : for storing and retrieving customer data, transaction detail and payment history.

3) API Interfaces : for integrating with third party services, including payment gateway.

PERFORMANCE REQUIREMENT

1) Response Time : the system must work fast.

2) Scalability : System should support upto to 1,00,000 user . concurrent.

3) Error Rate : error rate must be less than 0.01%.

DESIGN CONSTRAINTS

1) HARDWARE LIMITATION : system should be compatible with existing hardware infrastructure.

2) SOFTWARE limitation : system must comply with current banking software standard.

3) Security constraints : sensetive information must be encrypted.

NON FUNCTIONAL REQUIREMENT

1) Security : strong encryption should be their.

2) Reliable : system should be trusted.

3) Portability : system should be accessible with different platform.

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LIBRARY MANAGEMENT SYSTEM

INTRODUCTION

PURPOSE : Purpose of Software Requirement Specification (SRS) is

PRELIMINARY SCHEDULE AND BUDGET

SCHEDULE AS FOLLOW:

Requirement gathering : 1 month
System design : 1-5 month
Development & unit testing : 4 month
System testing : 3 month.

Our buget for making our system
is ₹25,00,000 . (approx). ie
215 for per LOC.

class Diagram

① credit card management

customer
ID
name
email

card ()
update ()

1 has *

credit card
card No.
expdate
Credit limit
balance

trans ()
show_det ()
Payment

0 has 1

Transaction
T Id
Amount
Date
Payment

make_trans()
get detail

1

1

Bank
B-Id
Bank name
location

add_cust()
rem-cust ()
update

2

Payment
P_Id
Date
method

process()
refund()
details ()