III Credit Card Processing :-

Software Requirements Specifications - SRS

1 Introduction

1.1 Purpose of this document
Outline the specs and requirements of development of credit card processing system.

1.2 Scope of the document
Overall working and objectives of compulsory convertible preference shares.

1.3 Overview
The CCPS is designed to facilitate the processing of transactions securely and efficiently. Centralized platform for merchants to accept payment through cards.

2 General Description
· Authorization of credit card transactions in real time.

· Settlement of transactions, funds and receipts.

· Management of accounts, payment methods
· Payment gateways, merchant service provider.

3. Functional Requirements:
Authorization: Validate info, card, date, a, Transactions

Settlement: Capture funds from authorized transactions.

Customer Management: Registration of new customers, updation

4) Interface Requirements:

- User interface: Initiate and manage Transactions Secure login and authentication

- System interfaces: External payment gateway secure communication protocols.

5. Performance Requirements

- Response time: Quick, Minimal Downtime, Scalable Architecture

- Reliability: Reliable Transactions, fault tolerance.

6. Design Constraints:
Security: Encryption Compliance in / PCI DSS Compliance: Regulatory requirements, regular audits