

2. credit card processing

problem statement:

The existing credit card processing system lacks efficiency & security measures. Leading to potential fraud risks & customer dissatisfaction. An upgraded credit card processing system is imperative to ensure seamless transactions, enhance security of transactions, & maintain customer trust.

1. Introduction

→ purpose of this document

The purpose of this document is to enable seamless & secure payment transactions for hotel reservations, bookings & other services, offered by the hotel.

→ scope

This section outlines the requirements & specifications for integrating credit card processing capabilities into various software system. It includes handling payment authorizations, processing transactions securely & generating payment receipts.

General Description:

Authorization of credit card transactions in real time

Settlement of transactions including capturing funds & generating receipts

management of customer accounts & payment methods

Integration with payment gateways & related services providers.

⇒ Functional Requirements:-

* Payment authorizations

* Transaction processing

* Transaction status monitoring

* Payment Receipt generation.

* Interface Requirements

* Performance Requirements

* Design constraints

* Non-Functional Attributes

* Preliminary schedule & Budget