

# Credit Card Processing

## Problem Statement:

The problem statement is to build a credit card management system that can handle any type of transaction and also provide bank statements to the users.

## Software Requirement Specifications (SRS)

### 1. Introduction

#### 1.1 Purpose of this document:

The purpose of this document is to outline the system's features, budget, requirements and constraints.

#### 1.2 Scope of this document:

This document highlights all of the features provided by the system which are online transactions, balance updates, bill payments and bank statements.

#### 1.3 Overview:

The credit card processing software is built to allow users to make transactions, check balance, download bank statements all at one place.

### 2. General description:

The system will be able to handle real-time transaction processing, auto pay bills and store confidential information of the user securely.

### 3. Functional requirements:

- The system will allow users to check balances, bills which are due and make payments accordingly.
- The system can also transaction reports and bank statements through email.

### 4. Interface Requirements:

The system can be able to communicate with users through desktops or mobiles and also through emails to send copies of bank statements or reports.



## 5. Performance Requirements:

The system should be able to process transactions and update balances accordingly in real time.  
The system should also maintain a fast response time.

## 6. Design constraints: The system should be easy to maintain and should also be flexible to any modifications or upgrades in the future.

## 7. Non-functional requirements:

- The should be safe and secure to use.
- The should be reliable and available at all times.
- The system should also be user-friendly.

## 8. Preliminary Schedule and Budget:

The development of the system will take 12 months and will require a budget of 3,00,000 ₹ for successful completion of the project.