1) Introduction

1.1) Purpose of this Document:

This Document outlines the system requirements for the development of a Credit Card Software system.

1.2) Scope of this Document:

The document describes the overall objectives of the project and provides a detailed overview of the system requirements It also outlines the estimated development costs and time required.

1.3) Overview:

The Credit Card software system will be a secure, user-friendly and reliable platform for managing credit card transactions and customer data.

2) General description: The Credit Card software system will be designed to meet the needs of financial institutions and customers. The system will also provide customers with access to their account information and the ability to make payments online.

3) Functional Requirements

The Credit Card software system must be able to process credit card transactions securely and accurately. It should also be able to detect and prevent fraudulent transactions. Other functional requirements include the ability to generate transaction reports, manage customer data and provide customers.

4) Interface Requirements:

The credit card software system should be able to integrate with other software applications, such as financial management software and e-commerce platforms. It should also provide a user-friendly interface for customers to manage their accounts and make payments.

5) **Perfomance Requirements:** the credit card software system must comply with industry standards for security and data privacy. It should also be designed with scalability and flexibility in mind to allow for future updates and enhancements.

6) **Non-functional Attribute :** the credit card software system should be secure, reliable and easy to use. It should also be portable with the ability to run on multiple platforms and devices. Other non functional requirements include data integrity, scalability and perfomance optimization.

Preliminary schedule and Budget : £ 1

The development of the credit card software system is estimated to take approximately 12 months and will require budget of £500,000. The development team will consist of six software engineers, two quality assurance analysts and one project manager.