2. **Credit Card Processing:**

★ Problem statement:

Ensure secure and easy payment processing. Ensure secure handling of card holder's information and should be accessible across different platforms.

★ SRS:

1. **Introduction:**

1. Ensure that the system is responsive and user friendly defines the scope of the software.

2. Outline the necessary requirements and specifications of developing a credit card processing system.

3. The overview describes the main features, requirements, and serves as a reference and ensures that all objectives are met.

2. **General description:**

Security and ease of use are the main features of handling a credit card. Key-features includes encryption, user friendly etc. User community for the system is merchants, customers, IT professionals & managers etc.

Functional requirements:

3.

1. Accept and process credit card transactions.
2. Provide customer support.
3. Provide secure transactions.
4. User friendly user interface.

4. **Interface requirements:**

1. Interface various payment gateways and smooth networks.
2. Provide user friendly interface for customer.
3. Integrate with already existing software that the company uses.

5. **Performance requirements:**

1. Pages and the interface must be very responsive.
2. Must process transactions within 1-2 seconds.
3. Handle multiple transactions simultaneously.

6. **Design Constraints:**

1. Data must be secure and free from software malwares.
2. All payment gateways must be accepted.
3. Smooth processing of transactions.

7. **Nonfunctional attributes:**

1. Security: Personal information must be secure and unauthorized access of uses must be prevented. Transaction history must be secure.

2. Scalability :

   Handle increased volume of transactions without degradation in performance.

3. Portability : Has to be designed to run across multiple operating systems.

8. Preliminary schedule and budget :

   1. Planning : 21 days
   2. Development phase : 5 months
   3. Testing : 2 months
   4. Development : 1 month
   5. Hardware : $40,000 - $60,000
   6. Training : $100000