

Problem statement: The application must be capable of handling credit card issuance and credit card payment processing. Card issuance includes authentication, card generation, activation and delivery. Payment processing includes cash withdrawal, transaction location and monitoring card spending behaviour.

1. Introduction:

1.1 Purpose of document: The document highlights the various functions of the application. It gives an overview of issuance and payment processing operations.

1.2 Scope of document: The document provides an overview of how to use the application. It acts as a guide for the user.

1.3 Overview: The application performs two operations, card generation and payment processing.

2. General description:

The application must provide user with convenient registration page. The application must satisfy ~~user~~ authenticate the user credentials and standardize the card generation and activation process. The application handles payment processes smoothly. ~~The~~ The application stores and monitors customer spending habits.

- (i) Authenticate user information accurately.
- (ii) Unique card generation
- (iii) Ensuring card delivery.
- (iv) Quick payment processing.
- (v) Monitoring spending habits.
- (vi) Statement generation.

4. Interface requirement:

- (i) User profile
- (ii) Card information
- (iii) Transaction history
- (iv) ~~Conte~~ Card Management

5. Performance requirements:

- (i) Low payment failure rate
- (ii) Secure information transaction
- (iii) Convenient card blocking system.

6. Design constraints:

- (i) Simple user interface
- (ii) Access control of information
- (iii) Availability.

7. Non-functional requirements:

- (i) Highly secure systems
- (ii) Highly reliable systems
- (iii) Spending tracking

8. Preliminary schedule and budget:

Stages of development are design, implementation, debugging and testing, deployment.