ANALIST CONTRACTOR STORES Crédit coud processing system 1.1 purpose of this Document: This document enplains the designs and development of a credit card processing system, aimed at enabling secure and efficient processing of credit card transactions, 1.2. Scope popultuis Domment The system covers the entire cifecycle of a credit card transaction, ensuring secure payment processing, que project is enjected to be completed in 5 months with controllée budget, c-ec e plimes 1.3 Overview: The cystem automates credit card-payments, handling tasks such as authorization gransaction validation, and payment settlement between banks and merchant. 2' honeral pescription:

The system wis manage credit and payments:

by securely processing transaction data, users



	Encluder nier chants, customers and banks
14 1	The main benefit is increased transquis
* * * *	speed and security,
1 1100	Mongo 2 2 Maria
3.	Functional Requirements:
	· Transaction authorization & Validation
	· Frand detection and prévention
	· payment gateway integration,
	enstorner data energiption.
	it i postered with the statement is
14.	Interface Requirements
<b>\$</b>	- Jue system provides a merchant -
þ.	taring dashboard tol transaction tracking.
. 40 IIA-	while enstoners futuait via a seure
	payment portal. Data will be processed
Designation of the second of t	in real-time , ensuring fast transactions.
1	11. 10 July 311 1011 1011 141.945 348
۲.	performance Réquirements:
1 = + 51 -5	que system will process transactions
٥	within 2-5 seconds, easuring high
	security, 99.9. % availability, and
	minimal transaction failures.
· 16.6.1	
, (V	The system must comply with financial
	regulations & support encryption standard
	The project will be developed within a
A Procession	5 mouth time frame & cimited budge
	constraints : i injunction
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Non-functional Attributes.

Key non-functional features include strong

security, heliability: a Scalability to

handle large transaction. Volumes, and

compatibility with multiple, payment

gateways.

Preliminary schedule. & Budget:

The project will take 5 months to

complete, with a budget of INR 4,00,000

covering software development sintegration

and testing.