	0 v. 1 t
	This document outlines the requirements
	This addurant outins the requirements
	I serve as a francwork for developer
	a sent is a famowork for aveloper
	and Hakeholders to ensure alignent
	expectations.
	12 Scope of this Documents
	The CCPS with facilitate sewer credit
	and transactions, providing functionalities
	for merchants and automers. Estimated
	development cost is \$150,000 with a timeline
	of 4 months for project completion.
	1.3 Overviers
	The Gold Card Rocessing System is designed
	to process credit "Card fransactions securely
	ma africanty support various personant
	mothod & ensuring Compliance with
	industry standards.
2.	General Description
	The CCPS allows muchants to accept wedit
	card payments manage transactions and
	performs refunds. User charactutistis
	include shuchants, Colministration and customers
	Key features molish.
7	- Secure payment processing
1	12024 - Refund and dispute management.



	The production of the contract
3.	Functional Requirements:
	1. Transaction Processing: Process credit and payements
	2. se civily
	2. User Authentication: Verify user identity payments
	Decurely before processing transactions
	3. Transactions History: Maintain a record of all
	transactions doe user access
	4. Refund Processing: Allow merchants to essue refunds to
	automus
	S. Dispute Management: Hovide functionality for
	S. Dispute Management: Provide functionality for monaging payement deputs
14.	
	Interface Requirements.
	The CCPS will interface with  - Usu Interface: Web & mobile interfaces for
	morellants & Customers.
	- Payment Gatenberg: Inlegrate with various
	Credit Card networks
	-Banking APIs: For find transfer & reinfication
	D. D. t.
5.	Performance Requirements
	The system should:  -Prous transaction within 2 seconds
	- Prous transaction within a second
	- Handle righte 500 simultaneous transaction - Ensure 99.997. transaction Success rate.
	- Enure 99:999. Fromsadion Success tall
6.	Derign Constravils
	Must Compety with PCI DCS Standards
	Developed usy NET & SOL Lewer
	Must Compty with PCI DCS Standards - Developed usy NET & SQL Lewer  Must Operate on cloud infra structur.
	## 12