	Credit Card Processing
	1 Introduction
	1.1 Pumpose
	This document specifics the software orequirents
	for the credit Card Processing System (CCRS)
	VI.O, a Secure System disigned to
	authorize, process, and rettle credit and
	drawctions for merchants. This SRS covers
	the thre transaction processing functionalities
	Including authorization, Capture, Jufund and
	settlement. It encludes physical card reader
	hardware and third-party bank backened
	Systems.
7983	care 400 south board something
	1.2 Document Conventions
	Requirements are labeled, Prioritios: High,
	Medium, Low, Bold for emphasis, italics
	for notes: makes a manager
	His at lower of which I want A .
	1.3 Indended Audience
	Developers: focus on sections 2 and 3
7	Testers : focus on Section 3
	PMs and Marketing: Sections Land 2
e e e	Suggested reading: 1-2-33-34
7281	100 marine of 2011 , 1101 = evaluated
	1.4 Project Scope
	CCPS Supports Online/in-person payments,
	fraud detection, suporting and PCI compliance
1.1	Supports Visa, Master Card, and AMEX.
. jî	1 3
	Links. Armosond near swifty and
	2828 172 Frage
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		1.5 References.
		· PCI DSS V4.0
		- 750 8583:2013
		Charal 1)7 (Wide V2.)
Laval 200		- Vinsian & scope (2024)
1998		and the second of the second o
	2	Overall Description
h.c.		21 Product Porspective
nadi ku Ba		Part of Payment Gateway Stiff. Keplons
Mica		degacy system. Therefores with 108
1.0		payment networks and bornks
July 1		hard devilently released to the allegand the
170	15	1.2 Product functions
		Handles authorization, capture, refunds
	1	ettlements, fraud delection and user access
		control. enciremental transmille:
phy-la		withing the behold on the war was the
u Live ng si	2	.3 Uses Clarses of
		· Merchants: maderate Skills
		· Admins: high technical skills
		· Gustomers! no direct access
	j.	- Support: moderade skills
		I will ask was margin to the total to
2, 4	2.	4 Operating Environment
		King on pos terminals, Obrinta servers
		Windows 10111
	•	Windows 10/11. Does Postgresque RESTAPD
		and money and and
	(I)	Constraints
	10(	UST Mect PCI Dec WHA
-	en	cryption. Jana backened, Read UT
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	3.4 . Non- Functional Requirements.
	- 99.9% sustem andidability
	Engrypt all sensitive data
	- Comply with PCI DSS 74,40
	- Handle 10,000 transaction 1sic.
	- UI reponses within 2 seconds.
	Contract to the second of a cold and the second
	4. Appendices.
	Lei Glossary
	. Authorization: Validades card and funds
	- Capture: Finalizes payment
	_ PCI DSS: Scenity Standard
	- ISO 8583: Transaction muscage format
	often businessed about many consults
	4.2 Future Enhancements
	Mi- based fraud dutestion
	- Mobile (digital nallits
	- Multi- correnay support
- 4	Advanced reporting.
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