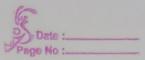


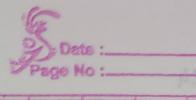
b.	SRS document for vildet could processing system.
1.	Interoclul tion:
06,000	1.1 Purpose of the originalis document: to
i h	specify the software requiremede for credit
	card processing system.
	1.2 Scope of the product: allows enstoners
	to make payments credit card at marious
	mushout locations. The system tremcles the
	authorization, capture and payment of
	tremal flows.
	1.3 Définations, acronyms, and attorioristion
	- POS: point y sale
	- API: application programming interface
	- CVV: card verification value
	- EMV: Europay, Master Courd and Visa
	- PCI-DSS: Jayment Card industry data security
	Ct and as a
	1.4 Refusences: PayPal, Visa & Maylestand merchant
	quidlines
	1.5 Overview: the document includes functions,
	non functional especie, constraints &
	domain specific to features. It also discribes
9	the process of thousaction, initiation,
	validation, authorization & settlement.
0	Grand Dance 1º and
-	Grennal Description:
	2.1 Peroduct perspective: The system interacte with
	both external existing networks and
	internal systems for merchants. The system
	will integrate with POS duries mobile payment
1	gettinairs & online e-commune platformes: - Bank perspective: interfaces with bank &
	our pospeciones insolucios social



eard networks to authorize transactions check for fraud and ensure funds are available mail able - Merchant perspective: they will use the system to process credit coad payments - customers perspective: they will use the System to make payments selvely using eredit card and receive real-time authorization responses & veen their transaction status. 2.2 Product functions: transaction authorization transaction captured, transaction settlement frand ditection, chargeback management refund prousing 2.3 User charactoristics: - murchants are business owners or stall processing payments at physical or oulin stores - customers are Endividuals making creatit could paymente some sold so banks are financial institutes that enthorize transactions à provide nurchant Performence sustain survivos multi-2.4 Grewral characteristics: must comply with PCI-DSS standards for deda security - System should support all major card types - transactions above \$5;000/- need additional outhorisation checks 2.5 Assumptions and dependencies: - merchants will ensure that austomers input correct payment details



	Page No:
(eva)	- system arsumes constant connectivity with
1,00	banks and card network for real-time
	anthosization.
1	as the washing properties : there with so
3.	Specific requirements:
335	3.1 Functional requirements:
pily	- transaction authorization: validate card
	number, expiration date, CVV and addry.
Pis.	provide real time rupone to nurchant and
	provide real fine tropone to murchant and
0131	ant : customer ! " made and de la
Series !	- France clickéchion: cross check transactions
2	for unusual parterns bared on wer
	history
	- Chargeback handling: automaticalling reverse
18	payments when disputes are susptied in
looi	lawor of the austomes
	- refund management: enable partial or full
R	suffered for authorized transactions
	3.2 Non-functional requirements:
Z)	- Security: must comply with PCI-DSS
Musik	standards to ensure clara protection
	- Performance: system should houdle up to
	500 transactions per second during
व्यक्ति	peak times & ang. rusponse time for
2-1	anthorization should be his them 2 seconds
f by	- reliability: system upfine should be 99.9%
1000	with failover mechanisms in place
	3.3 Domain requirements
	- suspensive uses ênterface for mobile &
NI)	du top were
	- inventry memagement



Suppost multiple payment gate ways

Appendices