

SRI for Gedit and Tholassing System.

1. INTRODUCTION! 1.1 Purpose of the sequisaments downers: To spent

the requirements for the efficient eye of credit Carl peocessing system.

1.2 Scope of the product allows sustained to make payments credit card at various locations. The eystem handles the authorist capture and payment of kansactions

1.3 Definition, accompny and abbreviation

- POS! point of scale

- API! applications proglamming interface

- CVV! card restriction value - by v: Gueopay, transtered and visa

- PCI-DSS! paymed and Endustry data security sandard 1.4 felsences! laylal, visa f Maskelaed morche guidelines

1.5 Querien! the document endudes functional non functional aspects, contraints of the grovers of karracher suitation validation, authorization & sufflement.

2. General Description: 2.1 Product perspective: The system interests with both enternal banking retnocks and interest systems for merchants the system will obline.

Enteract north POS devices, motile payment galeways & online e commerce platforms.

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- Bank perpetine: interfree with Lank of card rehooeks to authorize transactions, check for feared and enume funds are available.

Newbort perspecting: troy will use the system
to process credit and payments - customers perspective: they will use the eystem to make payment securely using celedit could be sectione real-time authorisation exposses of view their kansaction status. 2.2 Peoduct functions: tearraction authorisation, rearraction captured, tearraction settlement, frand detection, chargeback management, sefund processing. merchants one business owners or staff
peauring payments at physical or arline
stores - customers are individuals making credit card - banky are financial institutes that authorize transaction & provide nechost services 2. 4 General characteristic.

4 must comply with PCI-DSS standards for

data security.

4 system should support allmajor and types

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4 standardsons above Rs (000)- need additional

arthorization checks.

Date ______Page 2.5 Assumptions and dependencies:

* merchands noil ensure that customers input

coard payment detaily

* system assumes constant connectivity with banks of seed card network for eval-time authorization. 3. Specific Requirements: 3.1 Functional Reguisements: engisation authorization: validate and number engisation date CVV and address ensure enough funds are there for transaction provide real time suspense to merchant of mustomer. uspmel. * trand detection! cross drew harractions for unusual pateins band on use history. payment ison disputer are resolved in * refund maragement: enable partial & full refunds be authorised transactions. 32 Non functional requirements! Standards to ensure data protestion 500 transations per scool during peak dould togbe un than Zeconds

roith factioner mochantemy implace. 3.3 Domain requirements: * responser user enterface for mobile l desktop user * support multiple rayment gateways 1. Appendices J. Inden.