To Gredit Courd processing Problem statement marrial wedit could transcartion handling is slow and prone to errors. An aufomated system is needed for seems fast, & reliable credit food processing 1) Introduction 1.1) purpose To develop a scura oudit cond processing system for handling transaction validation, & Settlements. 1.2) Scope · Transaction authorization & new greation . Frand altertion & Security Chiefe · Billing and settlement sightly · Transaction history fracking 1.3) Overview Cord fansaction better autonoy, merchant, & banky 2 General descriptions The credit could processing system validate taneaction, chebs account I balance prevent fraud, & procelly payments across ( ) stakeholder

3) Clarge En change terriffics · Customer: Cler credit card for payments of · Baule 1: sour; Authorizes transaction · Admin : Managene system seussity & 4 Functional lequivernets · Thaneartion authoritation (approve/duly · PIN OFF Verfication · Frand difeilion Englants. - Billing & settlement processing · Françaisson reporting & 10980 5) Intérface suguirments · Web & POS - ferminal Interface.

· Moblils - feriendly payment ligatroway

· Seem legin for admen & nordants 6) l'enfourance Réquirement Transaction approval within 2-3 seus Augport thousands of transactions for sword availability (ag. 99%)

7) Duign Constraint Must country with PCI DSS standards. Encrypted communication (SSL/TLS)
Integration with multiple banks & gateways 8) Non-functional Réguirements · Security: Strong energytion, fraud defection Efeliability: Redundant servery & failores systems · Soglability: Handli growing number of clover & murchant

. Usability: simple Interface for customer & murchants 9) Scholule & Budget

· Scedule: 5-6 mong development tienlin

· Berdget: Approx. 10-15 lake depending

on rentegration & compliance needs