2. Credit Card Processing System:

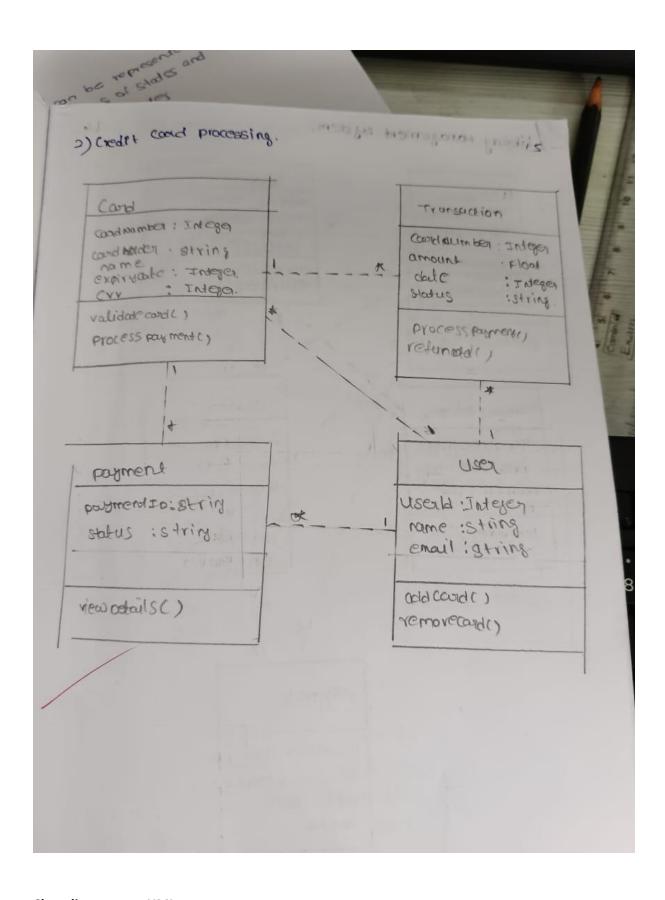
Generating SRS DOCUMENT:

searity: secure data handling with ancryption for sensitive data. details payment scalability: Must be able to scale across multiple hotel branches.

10 Raiability: 99.91. Uptime. spertiminary schedule and Budget: perelopment Timeline: 6 months Estimated Bugger : \$ 100,000 for initial setup and enlaying 2) software Requirement specification for credit card protessing. STRING CONSTRUCTOR: meet post use and ensure se 1 Introduction. 1:1 pur pose: Unemoviluer broison The purpose of this document is to do alt line the functional and Non-functional regul rement for a secure credit and processing system. which facilitates transactions between merchants and cond holders. acitizen to noise state buring. transaction of parting and and iting 1.28cope: The system will support multiple and types. and offer real time processing thaud deception and reporting tools.

direct individual - Justa tappen The credit and processing system will ensure smooth myment transaction's for both online and in-person in purchases The system will handle authorization settlerne utenterface and reporting of transaction, ensuring compliance with web Ap point rayment industry standards. 3) Ferform Must the state of the s Suppor State General Description: The system will work as an intermediary blue the during p , HC. E) besign merchant and the credit coold company, surely processing Must and verifying payments. The 8 user characteristics: to that was solden by proming it with user will include merchanis, and holders, and system. to) Non-: administators : leitini rol- oscioo 1. les in lestoring The agreem will be easy to use for both technical Secus and non-techinoal statt. end to 23 ystem constraints: , crowment coold Industry bata scaning Coord Relia It must meet pot DSS and ensure secure transaction tardling. Sala vocum 3 functional requirements. · 3000 100 commodo state 8) Preli cord authorization (checking the cord is valid and has crough credicts. berdo · Payment gateway integration. G8+ · Fraud detection and prevention Pho Transaction reporting and auditing · Charge back and refund handling. wine meeting stand deckler

544 web API for Integration with e-commerce dellar men point of sale (pos) software interface for merchans 5) terformance Requirements. Must process transactions in under 3 seconds Support for up to 1000 transactions per second during pear times. erry salvendil great the manys & besign constraints: Stills on prilings Must comply with perioss standands for security The system must be designed for easy integration with third-party merchant system. Dotte 2001/02/101 Place \$) Non-functional Attributes woll onto were store security? Dis primaring right was brid as modely end to end encryption and token ization of credit cound information in obset mong proof of rendil 30 Reliability. 99.999.1. uptime to ensure availability. Scalability: Must be cable to handle above high transaction volumes across multiple merchants: 8) preintnowy schedule and Budget. beidparent fime line: 9 months 2 7 Estimated Budget: \$2,50,000 for the initial development Phase without some amounted grands transmis other estation (and) 2mm and patriol privib Lordinargo sa teum music or gradul transport sigializat tragges to an



Class diagram star UML:

