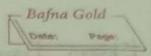
The state of the s
Creait Card
Crear Cara
· Probum Statement:
Credit cand systems face challenges orelated to data
security, pand primention, user commence and
efficient thomsaction processing. I raditional system
are prione do data breaches, slow transaction times
and fraud, leading to induced trust from windholder
and mer chants.
and the second s
" Scope"
1. Usen Registration and Account Management
2. Transaction Processing
3. Fraud Detection and Presention 4. Billing and Presents
5. Cristomer Support
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Functional Requirements:
1. Branchys User Account Management: Allow wer
to apply for a credit card, update their personal
details and view their credit history.
2. Torons action Authorization and Browsing: Privile real-
time transaction authorization, support secure online and
offine payment and manage purchase rimits.
3. Fraud Detection: Implement paid eletertion mechanisms
by monitoring unsual spending patterns
4. Billing and Statement Commention: Generate monthly
statements calculate intersent and track payment due.
3. Customer Services: Provide support through multiple
channels, reports lost or stolen cards & resoure disputer

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· Non-functioned prequirements : 1. Security: Implement probust data encryption secure authentscation methods. 2. Performance: Emoure meal-timb processing of remoctions with minimal latency 3. Scallbety : Support a growing number of cardholders and transactions with mineral performace. 4. Reliability: Provide high availabity to insun cardholder can use their cards 04/7 without interreptions 5. Usalibety: Ensure van easy-to-use interface for both customus & bank empolyees with clear navigation & multignial support. · Domainy The domain for this project is Financial Services; specifically focusing on Credit Card Management st aims to Streamline processes for cardholders, banks and merchants-· Interface Requirement is User Interface n Hadware Interface in Software Intafale · Design Constraints: 1) Security in Dada Privacy 'HD Scalability in) Technology Budget: 1) Sopware Development: \$75000 Hardwan: \$20000 iii Testing: \$10000

10 Trainey: \$5000