

# Sensitive Online Transaction Process

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**Abstract**— Online SET is a security process for financial transaction like Easy Account Creation and Automatic Bill Payment. The E-Commerce is emergence of electronic means payment. Online risk security is assumed by message alerts only.

**Keywords**— Security; Online Payment Transaction; E-Commerce; Job Scheduling.

## 1. Introduction

OLTP- Online Transaction Process. OLTP system is utilized for order entry, financial transaction of crm. Crm-customer relationship management is a significant attribute of an OLTP system. It is ability to maintain concurrency. Such system has a large number of users who conduct short transaction.

## 2. Problem Identification

A large number of transactions get affected in turn the organization reputation. Database store all user data account information, if these servers are hacked a number of clients is connecting for transaction and a single server at times, there occur millions and millions of request at a time which gets difficult to handle. During purchases even if the server hang for few seconds.

## 3. Security of Electronic Transaction

The transaction using master card, visa, transaction is digital form. The browser sends the information message is encrypted with bank. In bank use of public key a decrypted information transaction secure.

## 4. Social Networks in Online Shopping

The purchasing a product in application of internet will save a time. On apps finding a product is easy. The product in purchasing for online shopping a credit card. Information passing network related in dynamic network.

## 5. E-Commerce and Online Payment

The E-Commerce is emergence of electronic means payment. ATM cash form of payment and credit card in uses for shopping mall.

## 6. Bank Card Payment System

- Simple Encrypted Payment.
- Set(security Electronic Transaction).
- Electronic Check

## 7. Encrypted Payment System

The use of encryption technology to bank cards and other critical information encrypted digital signature to conform the authenticity of the message. Business servers and the need for software support services.

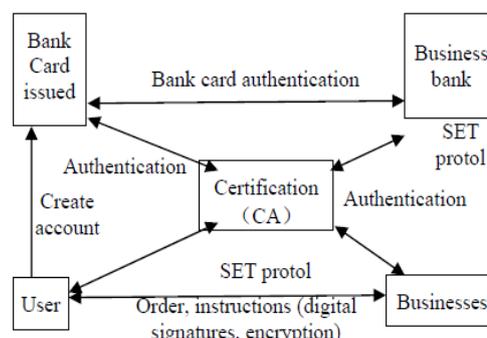


Fig.1: Transaction process

## 8. Online Risk Security Assessment

- Install latest security software.
- Use update for all software.
- Encryption sign.
- Different password.
- Dealing with offers.
- Avoid using public computer.
- Cash on delivery option.

## 9. Mobile Online Transactions

### 9.1 Trusted Authority

A Trusted Authority (TA) is a Trusted Party to generate secrets key for DRT participants.

### 9.2 Mobile User

A user is the owner of a smd. The smd with username/ password is launch transactions through applications.

### 9.3 Service Provider

An Service Provider (SP) provides services to mobile users. Sps can be authenticated through traditional certificates

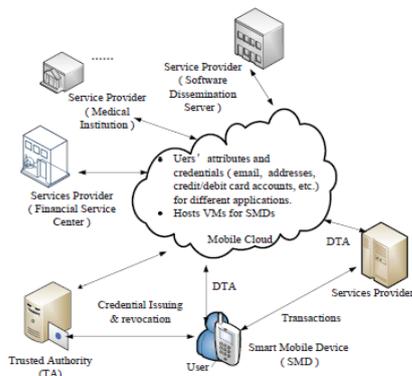


Fig.2: Online transaction model

## 10. Existing system

At times, there occur millions and millions of request at a time which gets difficult to handle. During purchases even if the server hangs for few seconds .A large number of transaction get effected in turn the organization reputation. Database store all user data account information if these servers are hacked.The number of clients is single server .

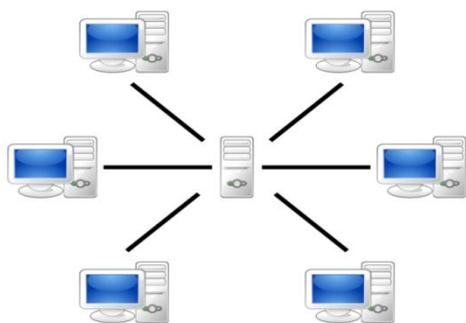


Fig.3: Client server model

Concurrency means application of making process on more than one task at same time. A multiple process of execute instruction simultaneously for performances. Parallel task a split its task up into smaller subtask can be processed .multiple task an extract same time. The process using job scheduling sequences are time out and task.

## 11. Methodology

SET (security electronic transaction) model "Secure Electronic Transactions," and referred to the SET. In an open Internet is a realized of the international agreements and standards for secure electronic transactions. E-cash and

e-payment systems have the advantage of cash mainly follows:

- Savings on transaction cost.
- Savings on transmission cost.
- Poor risk.
- Pay flexibility.
- Prevent forgery and repeatability

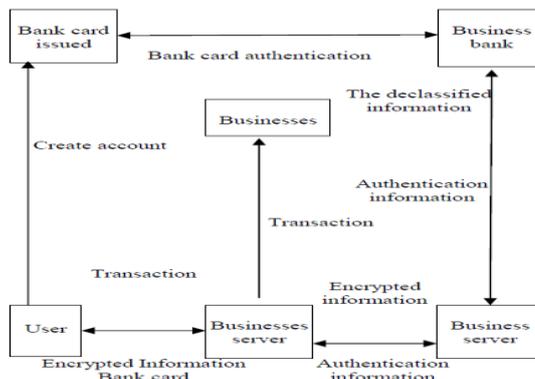


Fig. 4: Transactions structure in Business

## 12. Result

Privacy and security are electronic transaction system and mobile transfer in database.The server is high speed perform in database.

## 13. Conclusion

Today transaction is no longer limited to real world. Online will move a lot safer by purchasing through a third party system. These are external websites which connect in your bank account and perform transaction without share any secure data to another website.

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