**System security measures**

Security is one of the most difficult issues when we talk about E-resource sharing website. Cases like identity theft and payment duplicity are mostly increasing day by day in electronic payment segment. It is of utmost importance for a vendor to give his/her customers safe and secure environment.

$

d

Order Contact

Response Response

Customer Merchant Website payment Gateway

settle confirm

M

Transfer

response

Bank E-merchamt payment processor

In order to make sure there are proper security measure the vendor or owner should the following auditing to protect from all threats.

## Monitored suspicious purchasing activity

## As an owner of the resource you should be aware of the various types of suspicious activities that could be the main reason for duplicity.

## Address verification system for all transaction

## It is indeed important for the resource owners to predict and analyze that the person making the purchase is truly a cardholder. Various techniques can be utilized to prevent this fraud. Implementing the address verification system in the e-resource sharing site is the best way to analyze and verify the fraud. The system will check if the billing address is correct by verifying it with cardholder’s data from the issuing bank. As a result person with a stolen card or card number doesn’t have the access to the wrong billing address.

Incorrect billing address may not necessarily mean that the transaction is fraudulent hence it is advisable to take additional security measures to identify the customer.

## Safe login screen

Developing of E-resource sharing website mostly starts from the Login Page. It will be easy for the hackers to get access into sensitive data of the customers if you don’t secure the login access to your website.

Implementing this safety protocol is somehow easy, but it can successfully protect many security issues.

But in our project we never had an online payment option therefore we used cash on delivery method which is more secure and easier for the clients who can’t get access to online payment or do not have credit card or any other online payment option.

This is more secure since its cash on hand immediately after the vendor delivers the ordered tool by the customer.