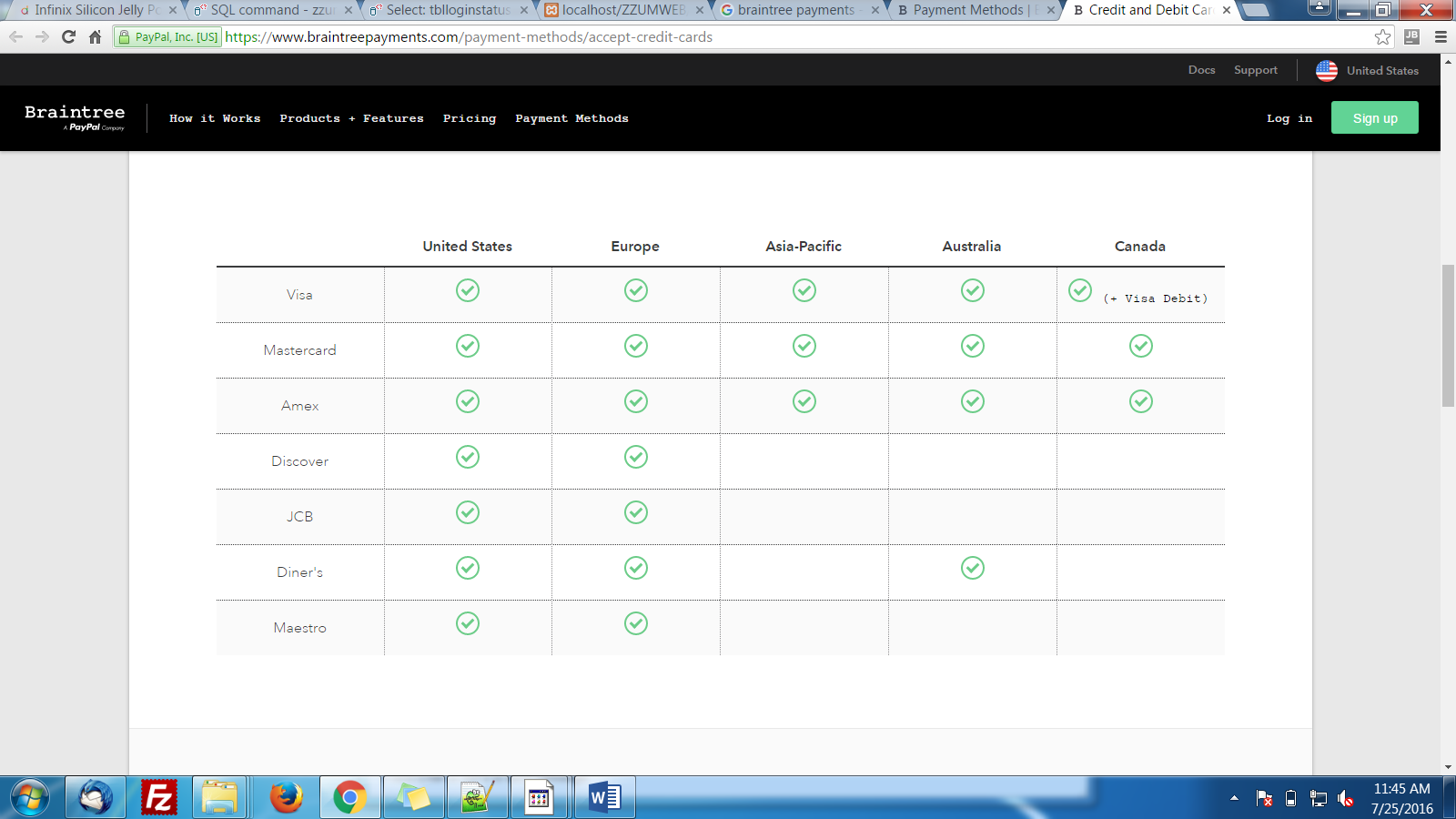
Braintee Integration with php and mobiles

Btraintree is a payment gateway system.it support visa,mastercard,maestri jcb,discover, American express and amex. Please see a chart for details



It support android, ios and web platforms. It also support market place I means payment divided into spearts transcations. E.g 5% commission is admin and 95% payment goes to merchant account.

In this tutorial I will tell u how to integrate Braintree with php. Lets start.

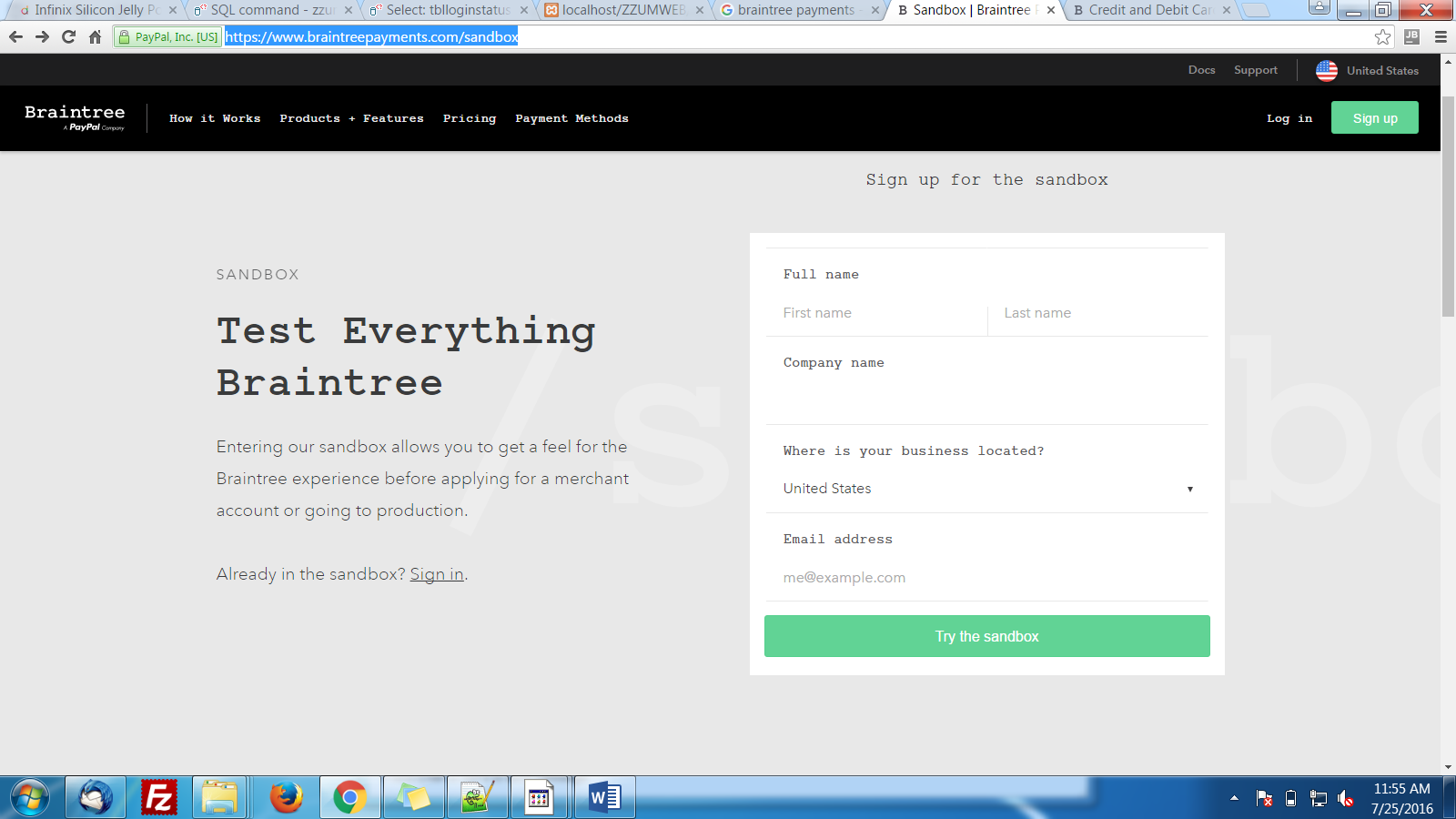
Pre-requirement

1. Good knowledge of php

Step 1 (braintree signup)

We create a Braintree account. Go to

<https://www.braintreepayments.com/sandbox>



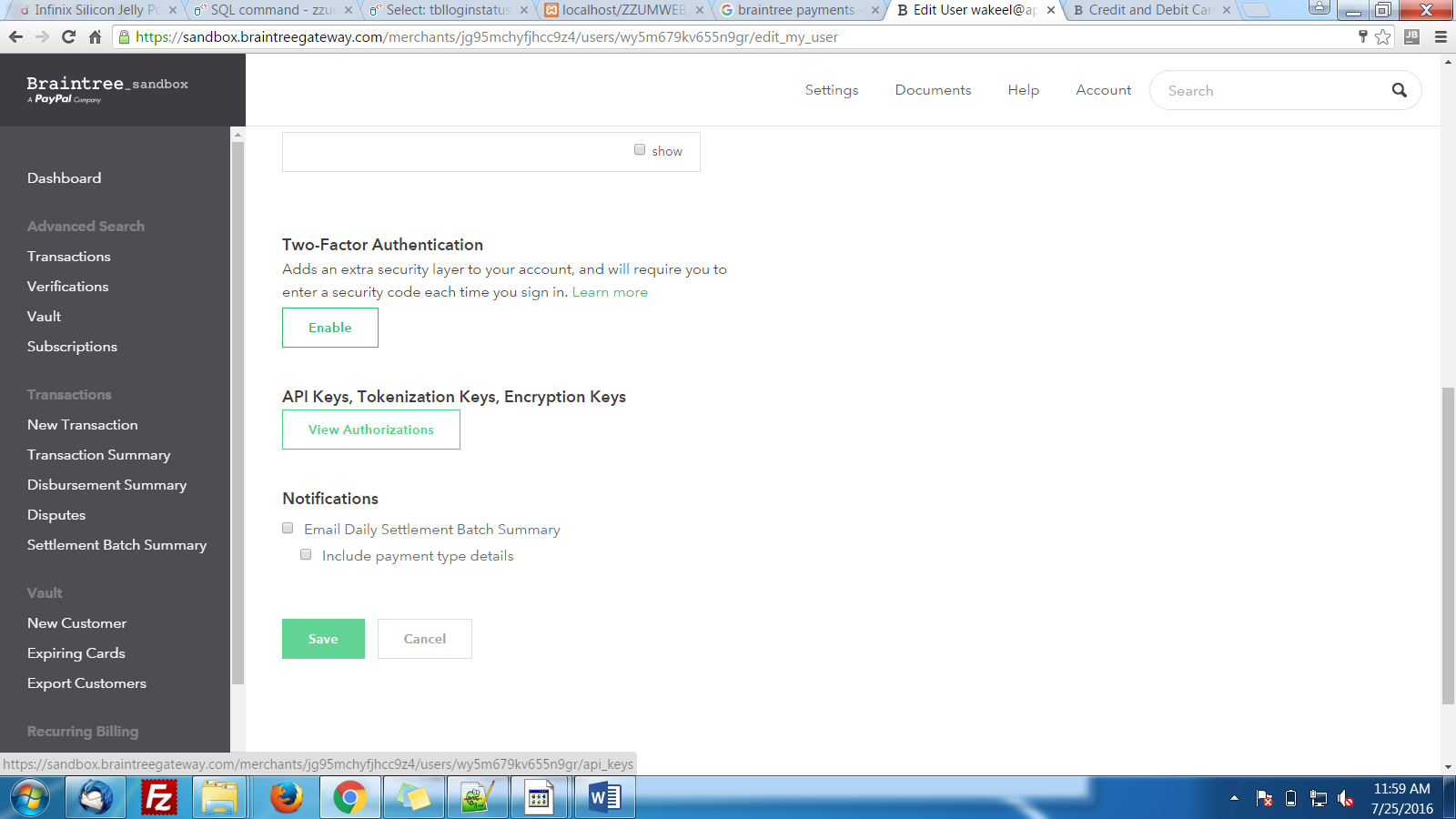
and fill the form and verify the email after this login with your account

go to Account->my user



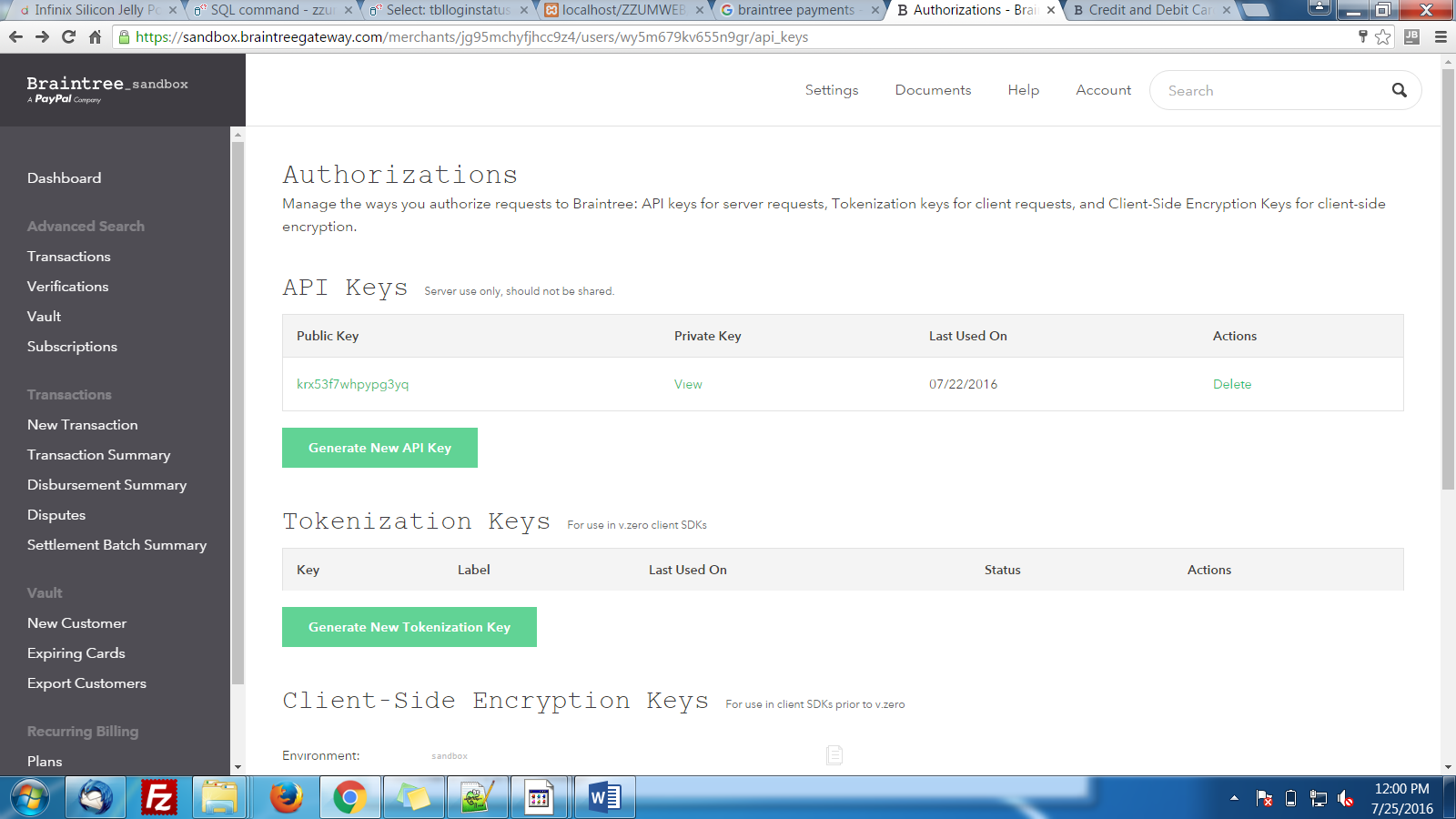
and find

API Keys, Tokenization Keys, Encryption Keys



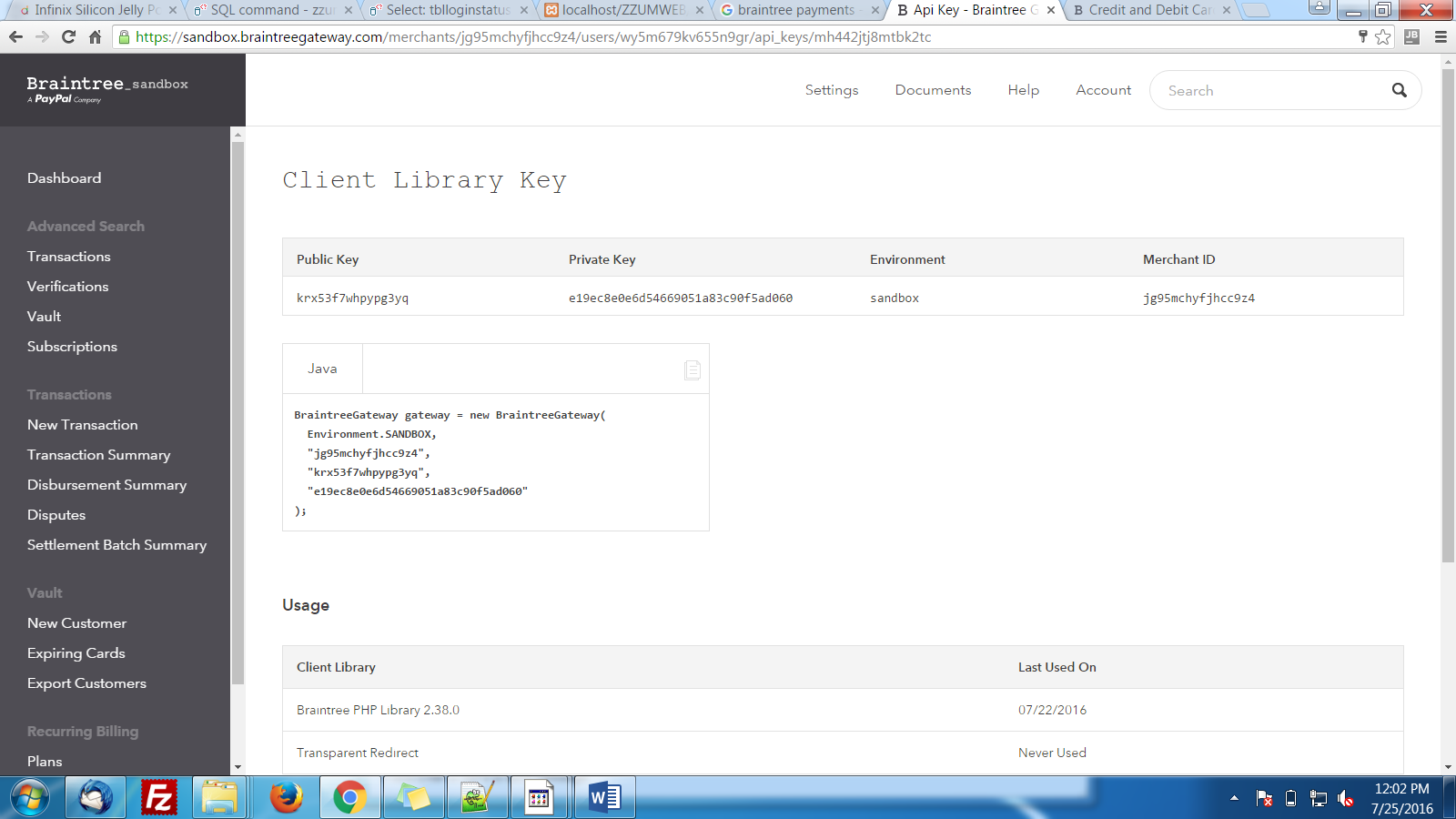
and click

View Authorizations



And click view Below public key

And copy your creditionals



Not move to coding..

Download Braintree php sdk

<https://developers.braintreepayments.com/start/hello-server/php>

First you kow how its work.

There is 3 steps for payment 2 are require and 1 are only required when marketplace use otherwise optional and 4 steps is a payment

1. Create customer
2. Add customer cards
3. Payments

Step 1:

Work flow:

Send request with Client Data

Braintree server

Our Server

Code :

First create a page **braintreeClass.php**

And paste below code

[php]<?php

require\_once 'braintree/lib/Braintree.php';

/\*

created by : wikianwer

Decription :

\*/

class BraintreePayment

{

private $environment="sandbox"; //sandbox | production

private $merchanId="your\_marchant\_id"; //merchan\_id of braintree

private $publicKey="your\_braintree\_public\_key"; //public key of braintree

private $privateKey="your\_braintree\_private\_key\_here"; //private key of braintree

//constructor

function BraintreePayment()

{

Braintree\_Configuration::environment($this->environment);

Braintree\_Configuration::merchantId($this->merchanId);

Braintree\_Configuration::publicKey($this->publicKey);

Braintree\_Configuration::privateKey($this->privateKey);

}

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\* Customer Section

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\*

create customer id firstName company email and phone and website are required

@params id

@params firstName

@params company

@params email

@params phone

@params website

@response array

\*/

public function CreateCustomer($userInfo=array())

{

try {

$customer = Braintree\_Customer::create(array(

'id' => $userInfo['id'],

'firstName' => $userInfo['firstName'],

'company' => $userInfo['company'],

'email' => $userInfo['email'],

'phone' => $userInfo['phone'],

'website' => $userInfo['website'],

));

return $this->getResponse(1,$customer);

} catch (Exception $e) {

return $this->getResponse(0,$e);

}

}

/\*

get response

@params success 1 or 0 only

@response array

\*/

private function getResponse($success,$data)

{

if($data->success!=1) {

$Errors="";

foreach($merchantAccount->errors->deepAll() AS $error) {

$Errors .= $error->message;

}

return array("success"=>0,"data"=>$Errors);

}

else {

return array("success"=>$success,"data"=>$data);

}

}

} [/php]

First step :

Replace your creditionals at the top of the page

2nd step is create a page createcustomer.php

[php] <?php

require\_once 'braintreeClass.php';

$bt = new BraintreePayment();

$userInfo=array();

$userInfo['id']=21;

$userInfo['firstName']="wikianwer";

$userInfo['company']="testcompamy";

$userInfo['email']="wakeel\_3@test.com";

$userInfo['phone']=212222;

$userInfo['website']="http://wiki.com";

$c = $bt->CreateCustomer($userInfo);

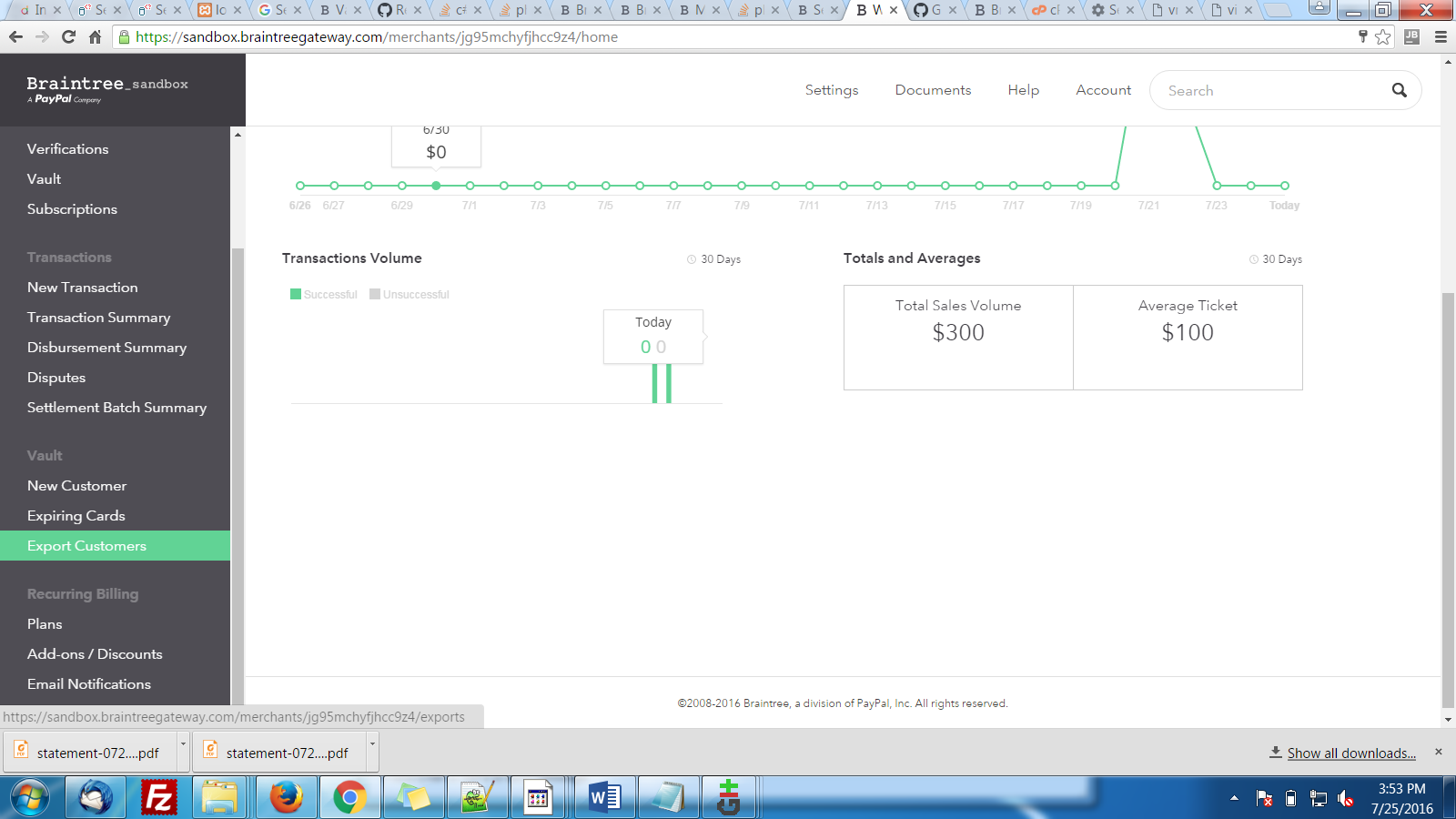
Print\_r($c); [/php]

And run your page on browser

Now go to Braintree

Login with your Braintree account

And on the left menu click on export customer and download customer xml file you can see there is a details of customer



Now your customer is create

And then go to next 2nd step

Create card

Put below code in your braintreeClass.php file

[php]

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\* Customer card Section

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\*

create card by nounce cid are required

@params cid customer id

@response array

note : nounce is a encrepated information of card which is created from client side mobile end

\*/

public function CreateCard($cid,$nounce) {

try {

$card = Braintree\_PaymentMethod::create(array(

'customerId' =>$cid,

'paymentMethodNonce' => $nounce,

'options' => array(

'makeDefault' => true

),

));

return $this->getResponse(1,$card);

} catch (Exception $e) {

return $this->getResponse(0,$e);

}

}

[/php]

Create card function taken two parameters first id of customer and 2nd nonce (encrepted card information) which is come from client side means in mobile developer get client card information and make a nonce against that and send to server