



PAYIN API Documentation

(This integration guide is updated on 12/02/2024 & updates are marked in **Purple** for clarity)

(This integration guide is according to domain name **zookwallet.com** & domain is now changed from **zookwallet.com** to **zookpe.com**. Zookwallet will also work for a while till everyone migrates but now zookpe.com offers **10x performance** so highly recommended to use it and migrate as soon as possible.

The only change required in code is to replace domain name in all request urls from zookwallet.com to zookpe.com)

Integration Tutorial

Go to <https://zookwallet.com/en/mymerchants> and create a merchant and set redirection urls(success url and fail url) of your own platform while creating a merchant, and get the merchant api key and currency code and follow the integration guide as available on the merchant key page on the platform.

Example integration

When user has completed journey on your platform and has finally landed on the payment page where he is ready to pay, follow the steps below.

(Final code provided at end)

Step 1: For the sample we have created a checkout page with pay button

```
<html>
<head>
  <title>Zook Wallet</title>

  <style>
  * {
    font-family: arial, sans-serif;
  }
```

```

table {
  border-collapse: collapse;
  width: 50%;
}
td, th {
  border: 1px solid #dddddd;
  text-align: left;
  padding: 8px;
}
tr:nth-child(even) {
  background-color: #dddddd;
}
</style>
</head>
<body>
<h2>Zook Wallet Integration Tutorial</h2>

```

```

<h3>Invoice</h3>

```

```

<table>
  <tr>
    <th>Item</th>
    <th>Quantity</th>
    <th>Price</th>
  </tr>
  <tr>
    <td>Belgium Chocolate</td>
    <td>1</td>
    <td>INR 2</td>
  </tr>
  <tr>
    <td>Cadbury</td>
    <td>1</td>
    <td>INR 3</td>
  </tr>
  <tr style="font-weight: bold">
    <td colspan="2" style="text-align: right; padding-right: 20px;">Total</td>
    <td>INR 5</td>
  </tr>
</table>

```

```

<button style="
  margin-top: 20px;
  font-size: 20px;
  width: 250px;
  background: blue;
  padding: 15px;
  cursor: pointer;

```

```

        color: #fff;
        border-radius: 8px;
        border: none;
        "
        onclick="window.location.href = '/pay.php'"
    >Pay</button>
</body>
</html>

```

Step 2: Create a pay.php file and define your invoice object.

For example, we are selling Cadbury (price 2 INR) and Belgium Chocolate (price 3 INR) each quantity 1, on our sample platform and we want user to pay using zook wallet. Add each item's name, price, description, quantity as

name - name of item
 price - price of item
 description - description of item
 qty - quantity of item

in your invoice object.

```

$invoice['items'] = [
    [
        'name' => 'Belgium Chocolate',
        'price' => (float)2.00,
        'description' => 'Belgium Chocolate',
        'qty' => 1
    ],
    [
        'name' => 'Cadbury',
        'price' => (float)3.00,
        'description' => 'Cadbury',
        'qty' => 1
    ]
];

```

Set your invoice ID

```

$invoice['invoice_id'] = 1345345; // should be the same invoice id as the one in your store database

```

Set your invoice description

```

$invoice['invoice_description'] = "Order with Invoice ". $invoice['invoice_id'] ;

```

Set invoice total as total of all items

```
$invoice['total'] = 5.00;
```

Set success return url

```
$invoice['return_url'] = 'http://localhost:9000/result.php';
```

Set your cancel/fail url

```
$invoice['cancel_url'] = 'http://localhost:9000/result.php';
```

Step 3: After the invoice object is created, make a curl request to <https://zookwallet.com/en/purchase/link>

```
$invoice = json_encode($invoice); // invoice encoded to json
```

```
$post = array(
'merchant_key'=> '<merchant_key>', // replace the <merchant_key> with your merchant key
'invoice'=> $invoice, //json encoded invoice object
'currency_code' => 'INR' // currency code
);
```

```
// curl request to server with our invoice object
```

```
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, 'https://zookwallet.com/en/purchase/link' );
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_POSTFIELDS, $post);
$response = json_decode(curl_exec($ch),true);
curl_close($ch);
```

Step 4: Once you've got the response with the link in your platform, use the following code to redirect your user to the received link.

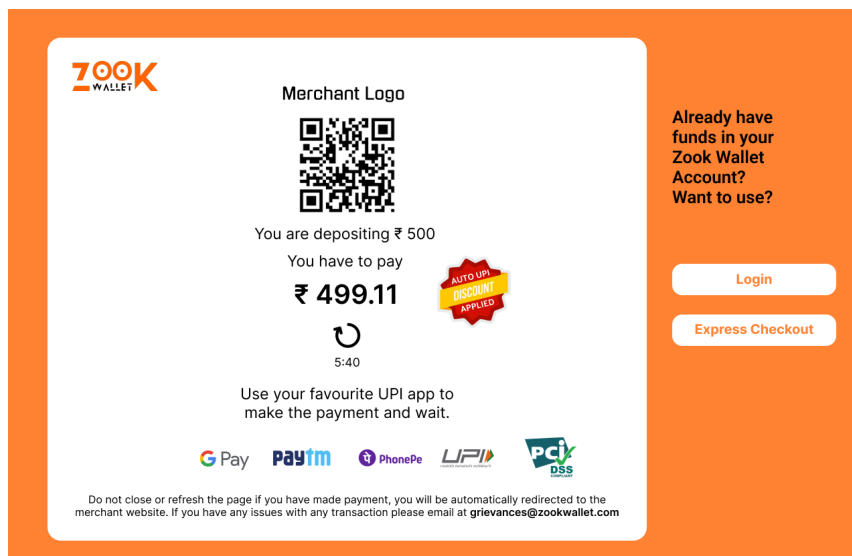
```
if ($response['status'] == true) {
```

```
    //if response status is true, that means we have a link and we redirect the user to
    ZookWallet
```

```
    header('Location: '.$response['link'].");
}else{
    var_dump($response);
}
```

The user will be asked to log in and pay the invoice.

Update: Users can now complete transactions without the need to login into their Zookwallet account. Users will be redirected to the below page and they can make instant UPI payment and complete their payment.



For this scenario, **Direct merchants** need to send the user's email (who is depositing or completing the transaction) as a mandatory parameter in the request query as shown below:

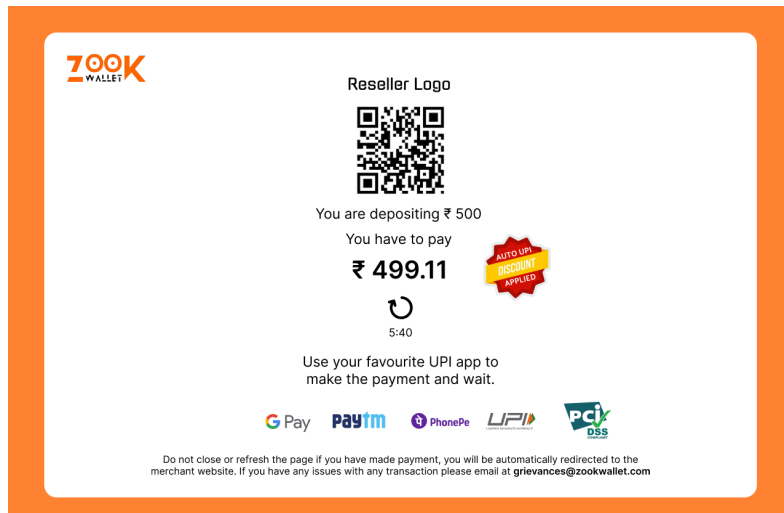
```
$post = array(  
'merchant_key'=> '<merchant_key>', // replace the <merchant_key> with your merchant key  
'invoice'=> $invoice, //json encoded invoice object  
'currency_code' => 'INR' // currency code  
'email' => 'user@gmail.com' //adding email here  
'login_required' => true,  
);
```

In the case of **Reseller Merchants**, user email is optional but recommended.

Only for **Reseller Merchants**, to hide the right-hand side login panel if they want they can do it using a special parameter like shown below:

```
$post = array(  
'merchant_key'=> '<merchant_key>', // replace the <merchant_key> with your merchant key  
'invoice'=> $invoice, //json encoded invoice object  
'currency_code' => 'INR' // currency code  
'login_required' => false,  
'email' => 'user@gmail.com' //adding email here  
);
```

This will show the page to user as shown below



Step 5: Create a new file result.php in your website.

When the user pays the invoice, he's redirected back to the URL specified in \$invoice['return_url'] (<http://localhost:9000/result.php>) with a token as a query string.

Use that token to make another CURL POST request to ZookWallet to check if the token is valid or not by comparing the merchant id from the token and your merchant id.

(Additionally, check if the invoice from the token is the same as the invoice from your website database and mark your order as completed for security)

```
<?php
if (isset($_GET['token']) and !is_null($_GET['token'])) {
    $post = array(
        'merchant_key'=> '<merchant_key>',
        // replace the <merchant_key> with your merchantkey
        'token'=> $_GET['token']
    );

    // Curl request to check payment status

    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, 'https://zookwallet.com/en/request/status' );
    curl_setopt($ch, CURLOPT_POST, true);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_POSTFIELDS, $post);

    $response = json_decode(curl_exec($ch),true);

    curl_close($ch);

    if ($response['status'] == true && $response['data']['entity_id'] == <merchant_id>) {
        // replace <merchant_id> with your merchant id
```

```
if ($response['status'] === true) {  
    echo "<h3>Payment Success</h3>";  
    // Handle your platform's success code here, update your database, and create users  
    order for dispatch or update user coins or whatever the user has paid for.  
}else{  
    // Handle failure scenerio  
    dd('invalid_merchant_id');  
}  
}else{  
    // Handle failure scenerio  
    var_dump($response);  
}  
}  
?>
```

Finally: Show SUCCESS or FAIL page based on above checks.

API is added for handling worst-case scenario i.e. checking the transaction status if in case the Upi transaction goes into pending state or user doesn't complete the payment using QR.

POST API

API URL: <https://zookwallet.com/api/v1/validate-transaction>

REQUEST BODY in JSON

```
{
  merchant_key: 'h4h6jij6i7ii8j&BJUIJIJ#',
  token: '78676579987'
}
```

POSSIBLE RESPONSE BODY in JSON

API SUCCESS

```
{
  'status': true,
  'transaction_status': 'completed', // 'completed', 'pending', 'failed'
  'success_message': "success message"
  'txn_details': { bank_txn_ref:"6374884" }
}
```

API FAIL

```
{
  'status': false,
  'transaction_status': null,
  'error_message': "error message"
}
```


Above Sample Code

Index.php

```
<html>
<head>
  <title>Zook Wallet</title>

  <style>
    * {
      font-family: arial, sans-serif;
    }
    table {
      border-collapse: collapse;
      width: 50%;
    }
    td, th {
      border: 1px solid #dddddd;
      text-align: left;
      padding: 8px;
    }
    tr:nth-child(even) {
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    }
  </style>
</head>
<body>
<h2>Zook Wallet Integration Tutorial</h2>

<h3>Invoice</h3>

<table>
  <tr>
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  </tr>
  <tr>
    <td>Belgium Chocolate</td>
    <td>1</td>
    <td>INR 2</td>
  </tr>
```

```

<tr>
  <td>Cadbury</td>
  <td>1</td>
  <td>INR 3</td>
</tr>
<tr style="font-weight: bold">
  <td colspan="2" style="text-align: right; padding-right:
20px;">Total</td>
  <td>INR 5</td>
</tr>
</table>

<button style="
  margin-top: 20px;
  font-size: 20px;
  width: 250px;
  background: blue;
  padding: 15px;
  cursor: pointer;
  color: #fff;
  border-radius: 8px;
  border: none;
  "
  onclick="window.location.href = '/pay.php'"
>Pay</button>
</body>
</html>

```

Pay.php

```

<html>
<head>
  <title>Zook Wallet</title>
</head>
<body>
<?php
  $invoice['items'] = [
    [
      'name' => 'Belgium Chocolate',
      'price' => (float)2.00,
      'description' => 'Belgium Chocolate',
      'qty' => 1
    ]
  ]

```

```

    ],
    [
        'name' => 'Cadbury',
        'price' => (float)3.00,
        'description' => 'Cadbury',
        'qty' => 1
    ]
];

$invoice['invoice_id'] = 1345345; // should be the same invoice id as
the one in your store database
$invoice['invoice_description'] = "Order with Invoice ";
$invoice['invoice_id'] ;
$invoice['total'] = 5.00;
$invoice['return_url'] = 'http://localhost:9000/result.php';
$invoice['cancel_url'] = 'http://localhost:9000/result.php';

$invoice = json_encode($invoice);
$post = array(
    'merchant_key'=>
'$2y$10$JD2utr7h936R5MJmjsFsj.9L9RrhQdgLLOXotN1LTC8F.Bs.BO/TC',
    'invoice'=> $invoice,
    'currency_code' => 'INR'
);

$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, 'https://zookwallet.com/en/purchase/link'
);
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_POSTFIELDS, $post);
$response = json_decode(curl_exec($ch), true);
curl_close($ch);

if ($response['status'] == true) {
    //if response status is true, that means we have a link and we
    redirect the user to phpWallet
    header('Location: '.$response['link'].'');
}else{
    var_dump($response);
}
?>
</body>
</html>

```

Result.php

```
<html>
<head>
    <title>Integration Tutorial</title>
</head>
<body>
<?php

if (isset($_GET['token']) and !is_null($_GET['token'])) {

    $post = array(
        'merchant_key'=>
'2y$10$JD2utr7h936R5MJmjsFsj.9L9RrhQdgLLOXotN1LTC8F.Bs.BO/TC',
        'token'=> $_GET['token']
    );

    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL,
'https://zookwallet.com/en/request/status' );
    curl_setopt($ch, CURLOPT_POST, true);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_POSTFIELDS, $post);

    //var_dump(curl_exec($ch));
    $response = json_decode(curl_exec($ch), true);

    curl_close($ch);

    // var_dump($response);

    if ($response['status'] == true && $response['data']['entity_id'] ==
27) {
        // var_dump($response, TRUE);
        if ($response['status'] === true) {
            echo "<img
src='https://cdn-icons-png.flaticon.com/512/5709/5709755.png'
height='100' /><h3>Payment Success</h3>";
            // Handle your websites code here
        }else{
            dd('invalid_merchant_id');
```

```
    }  
    }else{  
        var_dump($response);  
    }  
}  
  
?>  
</body>  
</html>
```

Start the server using command
>**php -S localhost:9000**