# Payment Gateway

## Steps to integrate the Stripe payment gateway

1. [Create a Stripe account and login to get the API keys](https://phppot.com/php/stripe-payment-gateway-integration-using-php/#create-a-stripe-account-stripe-account-and-get-api-keys)
2. [Create a payment form to get the user’s card details](https://phppot.com/php/stripe-payment-gateway-integration-using-php/#create-a-payment-form-to-get-the-user-s-card-details)
3. [Include Stripe JavaScript library to validate card details and to send to the Stripe server in a secure way](https://phppot.com/php/stripe-payment-gateway-integration-using-php/#validate-card-details-and-to-send-the-payment-request)
4. [Process Stripe charges in the server-side and notify the response](https://phppot.com/php/stripe-payment-gateway-integration-using-php/#process-charges-via-stripe-in-php)
5. [Store into a database table](https://phppot.com/php/stripe-payment-gateway-integration-using-php/#store-and-display-stripe-payment-response)

**Payment.php**

<?php

    require\_once "connection.php";

if (!empty($\_POST["token"])) {

    $token=$\_POST['token'];

    $name=$\_POST['name'];

    $email=$\_POST['email'];

    $cardnum=$\_POST['card-number'];

    $cvc=$\_POST['cvc'];

    $exp\_month=$\_POST['month'];

    $exp\_year=$\_POST['year'];

    require\_once "libs/stripe-php/vendor/autoload.php";

    $stripe=array

    (

        "secret\_key"=>"sk\_test\_zL4wgiquDHOxwMAMgrKFc1D8",

        "publishable\_key"=>"pk\_test\_cnDNZhsVbq4bLFbk3mTATnxR"

    );

    \Stripe\Stripe::setApiKey($stripe['secret\_key']);

    $customer=\Stripe\Customer::create(array

    (

        'email'=>$email,

        'source'=>$token,

        'name'=>$name,

        'description'=>'xyz description'

    ));

    $pro\_name="macbook";

    $pro\_Price=123;

    $order\_id=2;

    $charge=\Stripe\Charge::create(array(

        'customer'=> $customer->id,

        'amount'=> $pro\_Price\*100,

        'currency'=>"pkr"

    ));

    $chargeJson=$charge->jsonSerialize();

    if ($chargeJson['amount\_refunded'] == 0 && empty($chargeJson['failure\_code']) && $chargeJson['paid'] == 1 && $chargeJson['captured'] == 1 && $chargeJson['status'] == 'succeeded') {

        $successMessage = "Stripe payment is completed successfully. The TXN ID is " . $chargeJson["balance\_transaction"];

     }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

<?php if(!empty($successMessage)) { ?>

<div id="success-message"><?php echo $successMessage; ?></div>

<?php  } ?>

<div id="error-message"></div>

    <form id="frmStripePayment" action="" method="post">

        <div class="field-row">

            <label>Card Holder Name</label> <span id="card-holder-name-info"

                class="info"></span><br>

                <input type="text" id="name" name="name" class="demoInputBox">

        </div>

        <div class="field-row">

            <label>Email</label> <span id="email-info" class="info"></span><br>

            <input type="text" id="email" name="email" class="demoInputBox">

        </div>

        <div class="field-row">

            <label>Card Number</label> <span id="card-number-info"

                class="info"></span><br>

                <input type="text" id="card-number"  name="card-number" class="demoInputBox">

        </div>

        <div class="field-row">

            <div class="contact-row column-right">

                <label>Expiry Month / Year</label> <span id="userEmail-info"

                    class="info"></span><br>

                    <select name="month" id="month" class="demoSelectBox">

                    <option value="08">08</option>

                    <option value="09">9</option>

                    <option value="10">10</option>

                    <option value="11">11</option>

                    <option value="12">12</option>

                </select> <select name="year" id="year"

                    class="demoSelectBox">

                    <option value="18">2018</option>

                    <option value="19">2019</option>

                    <option value="20">2020</option>

                    <option value="21">2021</option>

                    <option value="22">2022</option>

                    <option value="23">2023</option>

                    <option value="24">2024</option>

                    <option value="25">2025</option>

                    <option value="26">2026</option>

                    <option value="27">2027</option>

                    <option value="28">2028</option>

                    <option value="29">2029</option>

                    <option value="30">2030</option>

                </select>

            </div>

            <div class="contact-row cvv-box">

                <label>CVC</label> <span id="cvv-info" class="info"></span><br>

                <input type="text" name="cvc" id="cvc" class="demoInputBox cvv-input">

            </div>

        </div>

        <div>

            <input type="submit" name="pay\_now" value="Submit"

                id="submit-btn" class="btnAction"

                onClick="stripePay(event);">

            <div id="loader">

                <img alt="loader" src="LoaderIcon.gif">

            </div>

        </div>

        <input type='hidden' name='amount' value='0.5'> <input type='hidden'

            name='currency\_code' value='USD'> <input type='hidden'

            name='item\_name' value='Test Product'> <input type='hidden'

            name='item\_number' value='PHPPOTEG#1'>

    </form>

<script type="text/javascript" src="https://js.stripe.com/v2/"></script>

<script src="jquery.js" type="text/javascript"></script>

        <script>

        function cardValidation () {

            var valid = true;

            var name = $('#name').val();

            var email = $('#email').val();

            var cardNumber = $('#card-number').val();

            var month = $('#month').val();

            var year = $('#year').val();

            var cvc = $('#cvc').val();

            $("#error-message").html("").hide();

            if (name.trim() == "") {

                valid = false;

            }

            if (email.trim() == "") {

                valid = false;

            }

            if (cardNumber.trim() == "") {

                valid = false;

            }

            if (month.trim() == "") {

                    valid = false;

            }

            if (year.trim() == "") {

                valid = false;

            }

            if (cvc.trim() == "") {

                valid = false;

            }

            if(valid == false) {

                $("#error-message").html("All Fields are required").show();

            }

            return valid;

        }

        //set your publishable key

        Stripe.setPublishableKey("pk\_test\_cnDNZhsVbq4bLFbk3mTATnxR");

        //callback to handle the response from stripe

        function stripeResponseHandler(status, response) {

            if (response.error) {

                //enable the submit button

                $("#submit-btn").show();

                $( "#loader" ).css("display", "none");

                //display the errors on the form

                $("#error-message").html(response.error.message).show();

            } else {

                //get token id

                var token = response['id'];

                //insert the token into the form

                $("#frmStripePayment").append("<input type='hidden' name='token' value='" + token + "' />");

                //submit form to the server

                $("#frmStripePayment").submit();

            }

        }

        function stripePay(e) {

            e.preventDefault();

            var valid = cardValidation();

            if(valid == true) {

                $("#submit-btn").hide();

                $( "#loader" ).css("display", "inline-block");

                Stripe.createToken({

                    number: $('#card-number').val(),

                    cvc: $('#cvc').val(),

                    exp\_month: $('#month').val(),

                    exp\_year: $('#year').val()

                }, stripeResponseHandler);

                //submit from callback

                return false;

            }

        }

        </script>

</body>

</html>