purpletree

2 Factor Authentication, Login by Mobile, Checkout OTP and SMS Notifications

USER GUIDE

purpletree

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INTRODUCTION

Using this extension, SMS can be sent automatically on order creation, order delivery.

Admin can also send bulk SMS to multiple customers.

Admin can set SMS verification for customer register and checkout.

Extension uses HTTP GET or POST URL based SMS sending method. This method is supported by most of the SMS APIs available in market.

SMS URL Configuration Example:

eztexting provides following HTTP GET based SMS URL for sending SMS:

https://app.eztexting.com/api/sending/?user=user1&pass=mypass&phonenumber=phonenumber&subject=hello&message=message&express=1

Here, the variables are user, pass, phonenumber, subject, message and express. Meaning of all these variables is explained by the SMS vendor, eztexting in this case. We are concerned about only 2 variables here: "Phone Number" and "Message". Rest of the values will be provided by the SMS vendor. In this case we assume sample values to be "user1", "mypass", "hello", and "1".

In "General Configuration" section, you can simply write following URL:

https://app.eztexting.com/api/sending/?user=user1&pass=mypass&phonenumber=_MOB_&subject=hello&message=_TEXT_&express=1

The extension will pick _MOB_ and _TEXT_ fields, insert appropriate data in place of those variables as required, then send SMS.

Available variables:

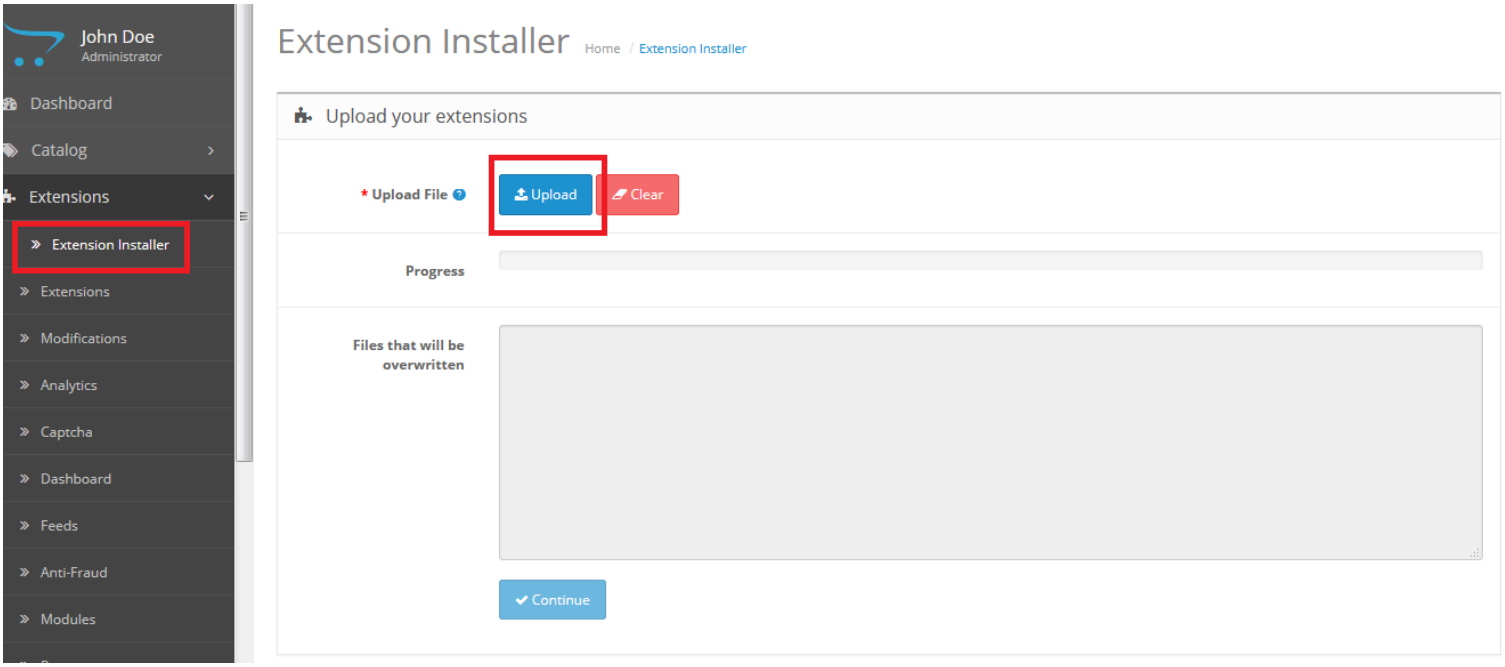
Usage	Variables	Description
SMS API URL	_MOB_	Customer mobile number
	TEXT	Message Text
Order SMS	_NAME_	Customer Name
	ORDERID	Customer order id
	AMOUNT	Total amount
Order Status SMS	_NAME_	Customer Name
	ORDERID	Customer order id

INSTALLATION

Before installation, make sure the OpenCart Extension Installer is correctly configured, especially for the FTP settings, including the FTP Root.

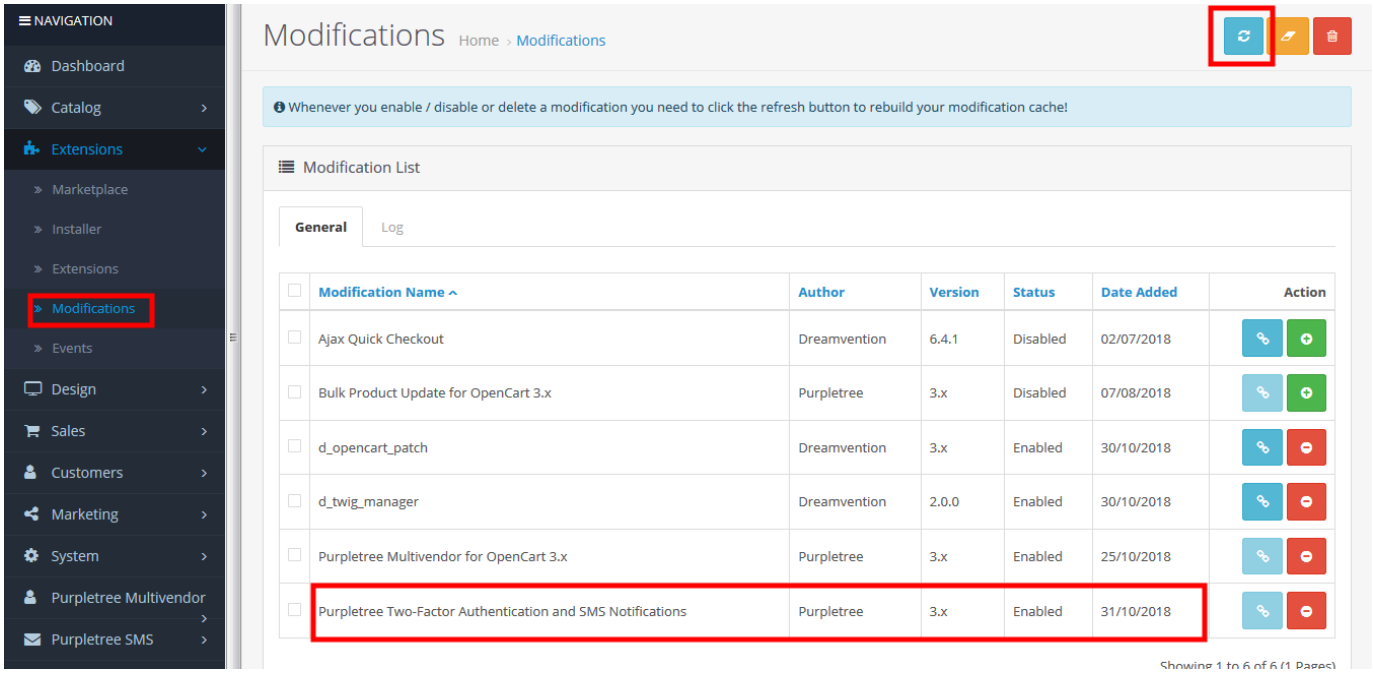
See <http://docs.opencart.com/extension/installer/> for more details.

1. Go to “Extensions”->”Installer” (For OpenCart version 3.x) and “Extensions” -> “Extension Installer”(For OpenCart version 2.3.x)



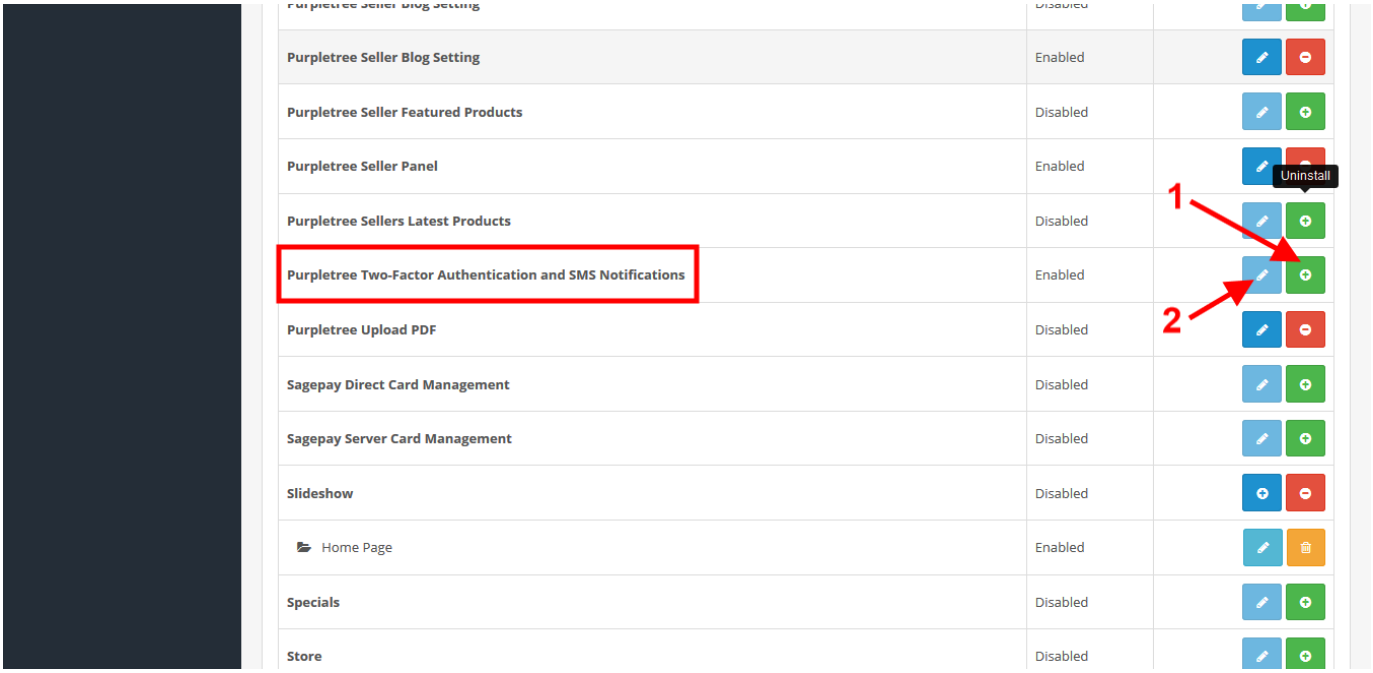
2. Click on upload and choose appropriate extension for your OpenCart version and upload the purpletree_two_factor_authentication_and_sms_notifications_version_x.ocmod.zip

3. Go to “Extensions” -> “Modifications”. You should see an entry for this – “Purpletree Two-Factor Authentication and SMS Notifications”.



4. Click on the Refresh button, on top right of the page

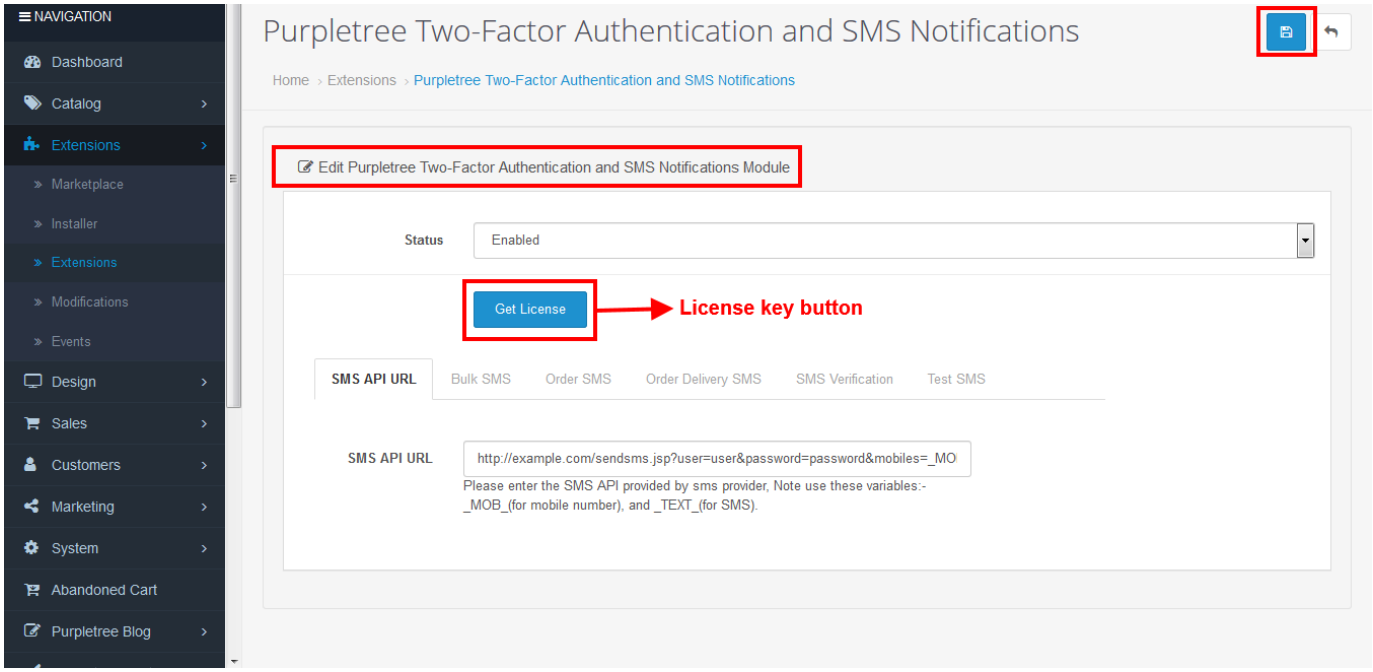
5. Now go to “Extensions->extensions”(For OpenCart version 3.x and 2.3.x) or “Extensions->modules”(For versions older than 2.3.x) select modules, search for “Purpletree Two-Factor Authentication and SMS Notifications” and click on button 1 to install module then button 2 for editing status.

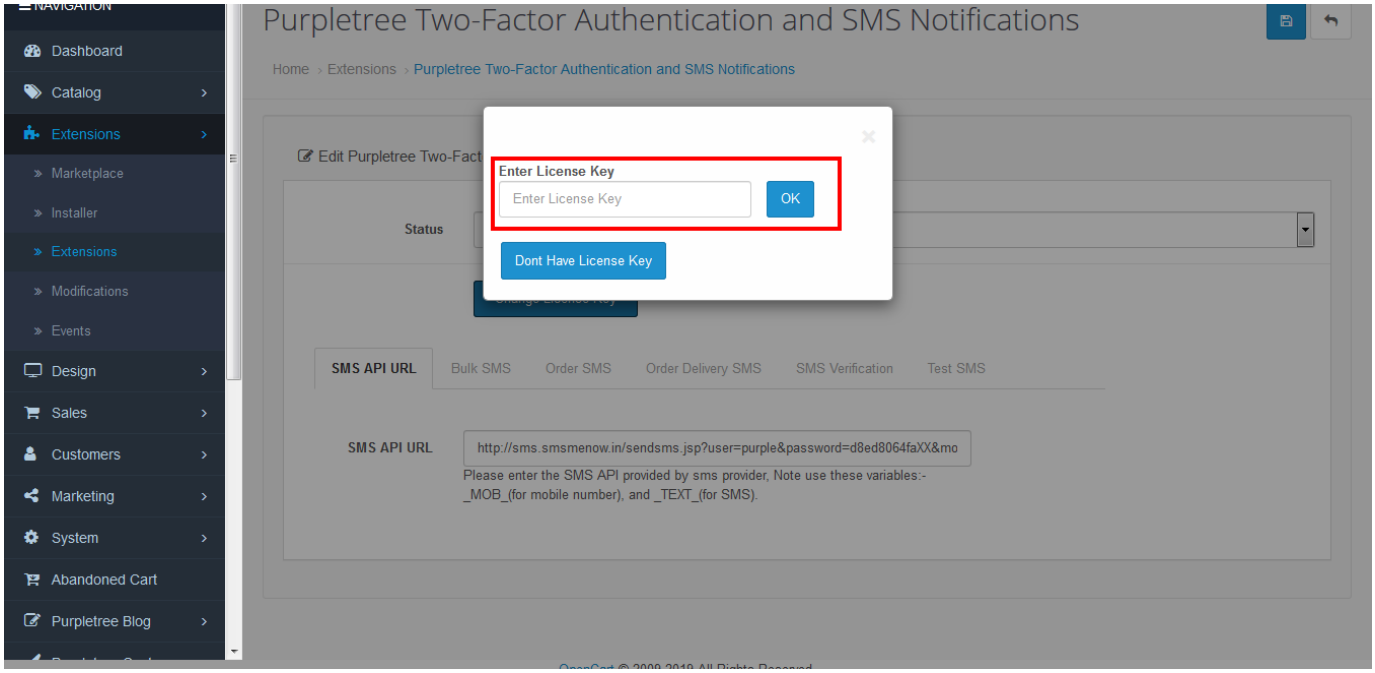

Purpletree Seller Blog Setting
Enabled
Purpletree Seller Featured Products
Disabled
Purpletree Seller Panel
Enabled
Uninstall
Purpletree Sellers Latest Products
Disabled
Purpletree Two-Factor Authentication and SMS Notifications
Enabled
Purpletree Upload PDF
Disabled
Sagepay Direct Card Management
Disabled
Sagepay Server Card Management
Disabled
Slideshow
Disabled
Home Page
Enabled
Specials
Disabled
Store
Disabled
1
2

USAGE INSTRUCTIONS

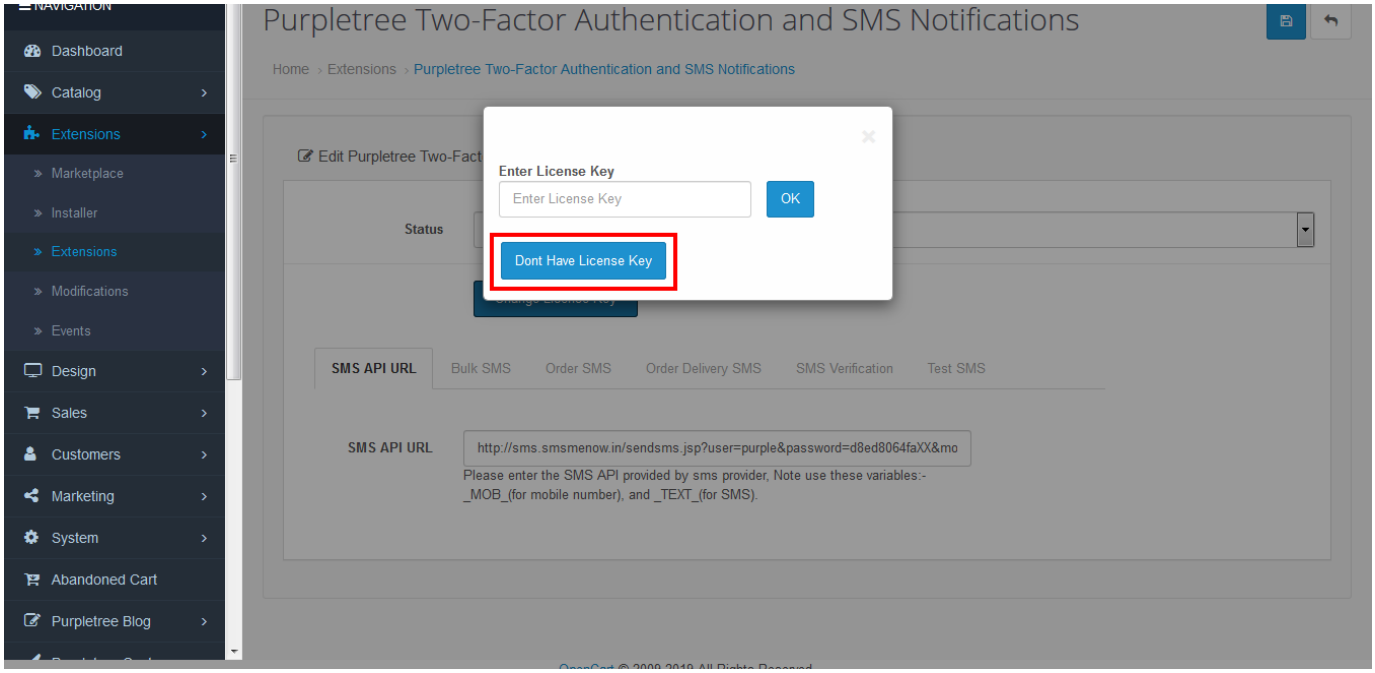
CONFIGURATION OF THE EXTENSION

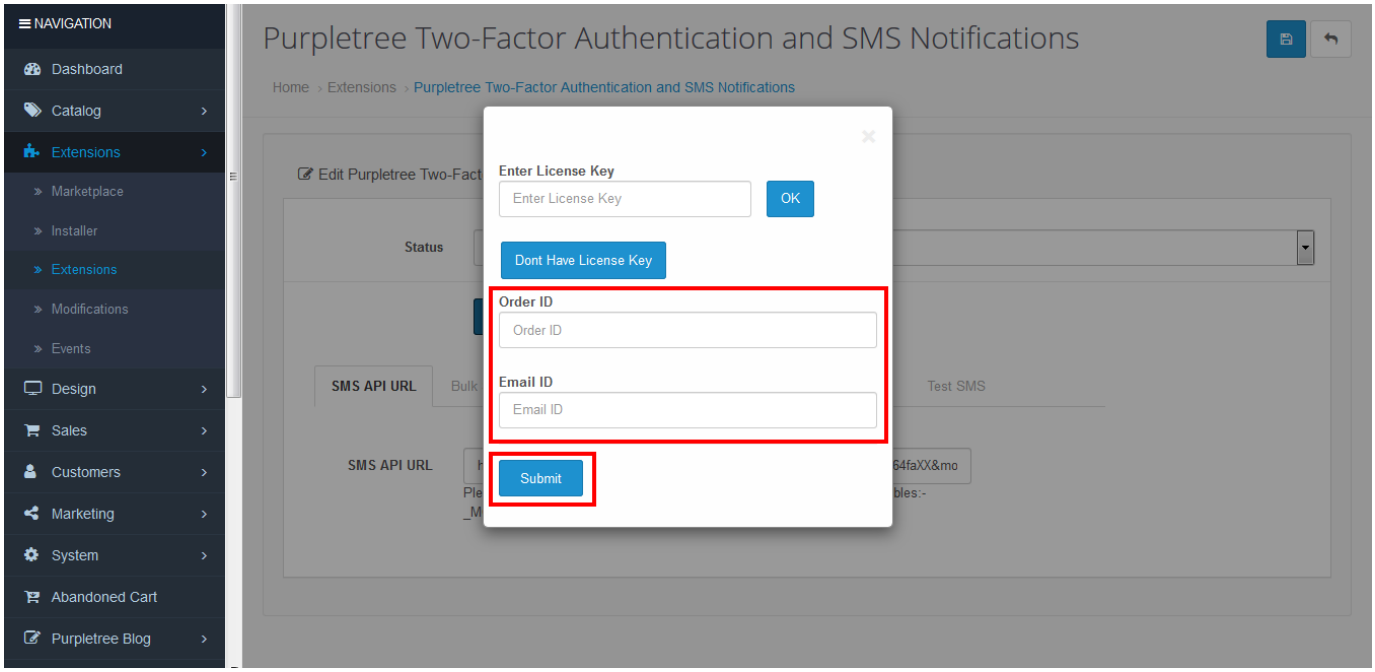
1. Enable the module status.
2. After that click on “Get License” button. Enter License Key –This key is provided when you purchase the extension.

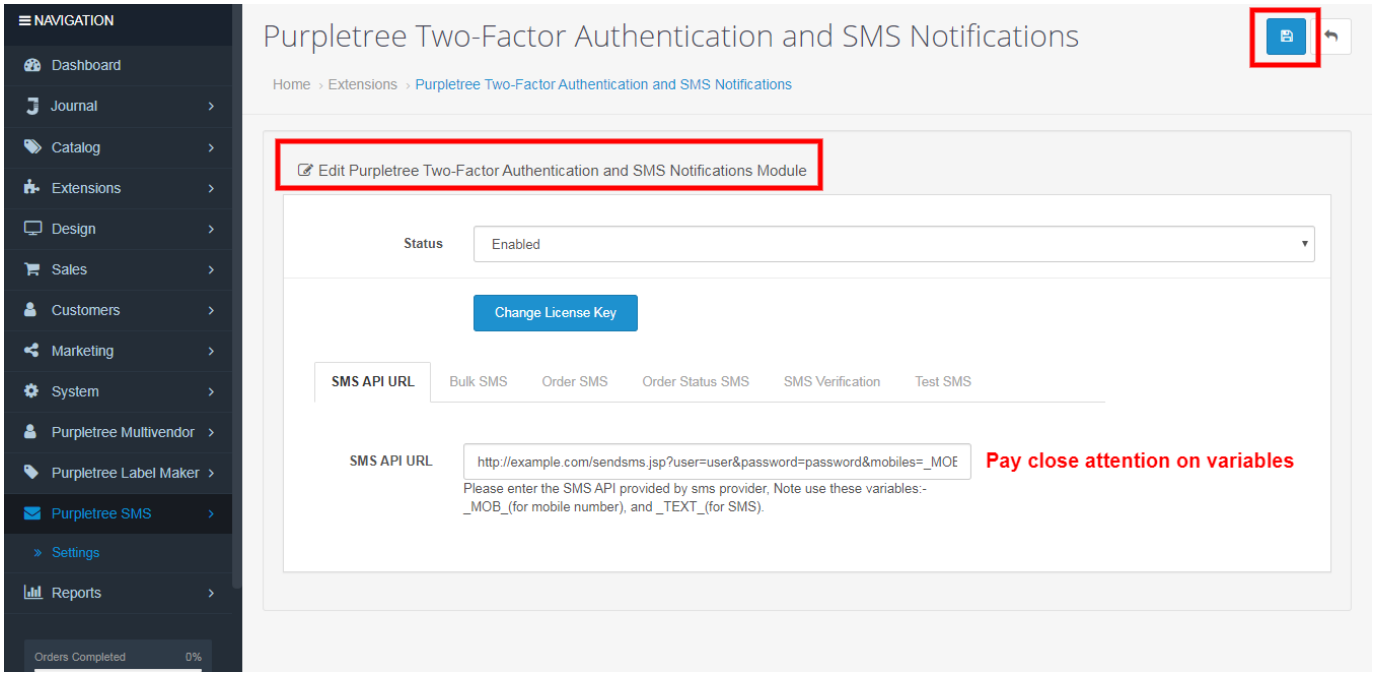




3. If you have not License key then, go to Admin >Extension> Extension >Purpletree Two-Factor Authentication and SMS Notifications > Edit Module > Click on “Don’t Have License key” button. Enter your Order ID which was generated when you placed an order for our extension and “Email ID”. Click on Submit Button and your license key will be filled on License key.


Purpletree Two-Factor Authentication and SMS Notifications
Home › Extensions › Purpletree Two-Factor Authentication and SMS Notifications
Enter License Key
Enter License Key
OK
Dont Have License Key
SMS API URL
Bulk SMS
Order SMS
Order Delivery SMS
SMS Verification
Test SMS
SMS API URL
http://sms.smsmenow.in/sendsms.jsp?user=purple&password=d8ed8064faXX&mo
Please enter the SMS API provided by sms provider, Note use these variables:-
MOB(for mobile number), and _TEXT_(for SMS).


Purpletree Two-Factor Authentication and SMS Notifications
Home › Extensions › Purpletree Two-Factor Authentication and SMS Notifications
Enter License Key
Enter License Key
OK
Dont Have License Key
Order ID
Order ID
Email ID
Email ID
Submit

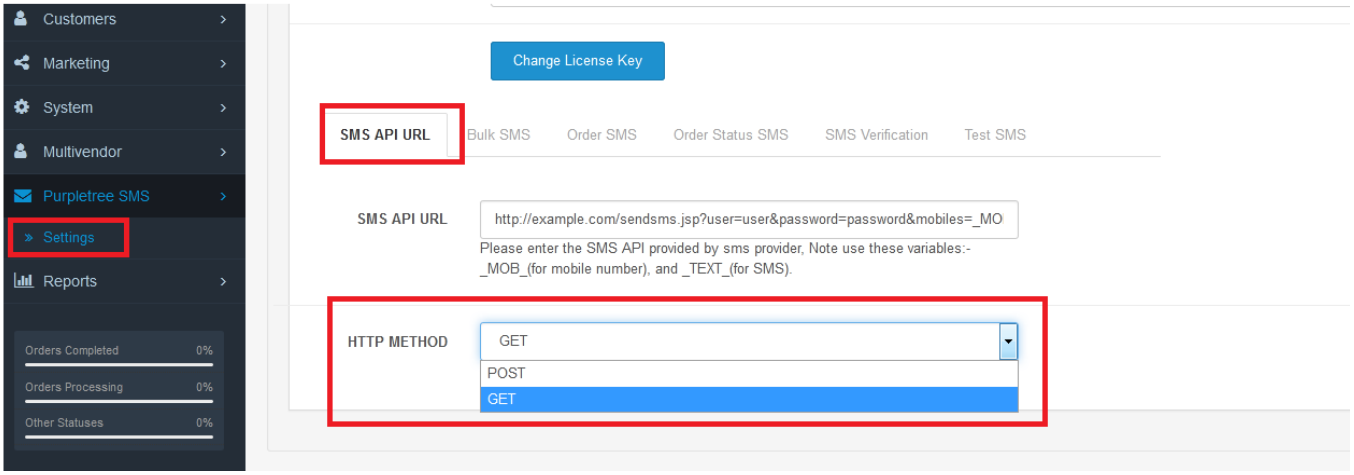


Note: Make sure to click on save button on the upper right corner after modification.

CONFIGURATION OF THE SMS API URL

For setting of this section, we go to “Admin->Purpletree SMS->Settings->SMS API URL” Tab.

You see the following screen:



In SMS API URL input field, we must enter the SMS API URL provide by SMS provider.

An example is given below.

IN CASE OF HTTP GET API

The SMS sending URL, provided by SMS company, looks like following. Here use the variable _MOB_ for mobile number, and _TEXT_ for SMS text.

URL example:

http://example.com/sendsms.jsp?user=user&password=password&mobiles=_MOB_&sms=_TEXT_&senderid=abc

IN CASE OF HTTP POST API

In this case, the SMS service vendor gives you the key-value pairs which your API can use to send the SMS. You can make a full URL using this information.

Normally the values given by SMS company are like following:

URL: http://example.com/sendsms.jsp

Parameter 1 Name: user, Parameter 1 Value: Your username of SMS account

Parameter 2 Name: user, Parameter 2 Value: Your password of SMS account

Parameter 3 Name: Mobiles, Parameter 3 Value: Comma separated list of mobile numbers

Parameter 4 Name: sms, Parameter 4 Value: the SMS text you want to send

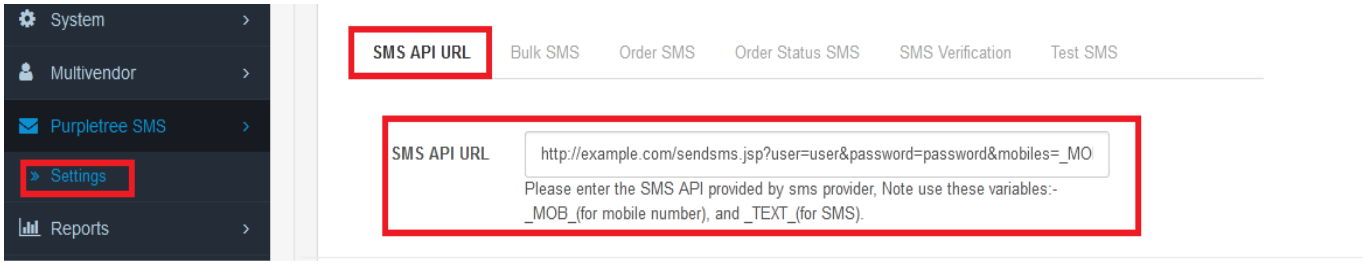
Parameter 5 Name: senderid, Parameter 5 Value: Sender Id provided in your SMS account

If you use all these values, you can make an URL for sending SMS like follows:

http://example.com/sendsms.jsp?user=user&password=password&mobiles=_MOB_&sms=_TEXT_&senderid=1

You may note that the SMS URL looks similar for both GET and POST methods. Both of them contains key-value pairs with two variables for mobile number and SMS text respectively. Use the variables_MOB_for mobile number, and _TEXT_for SMS in the URL.

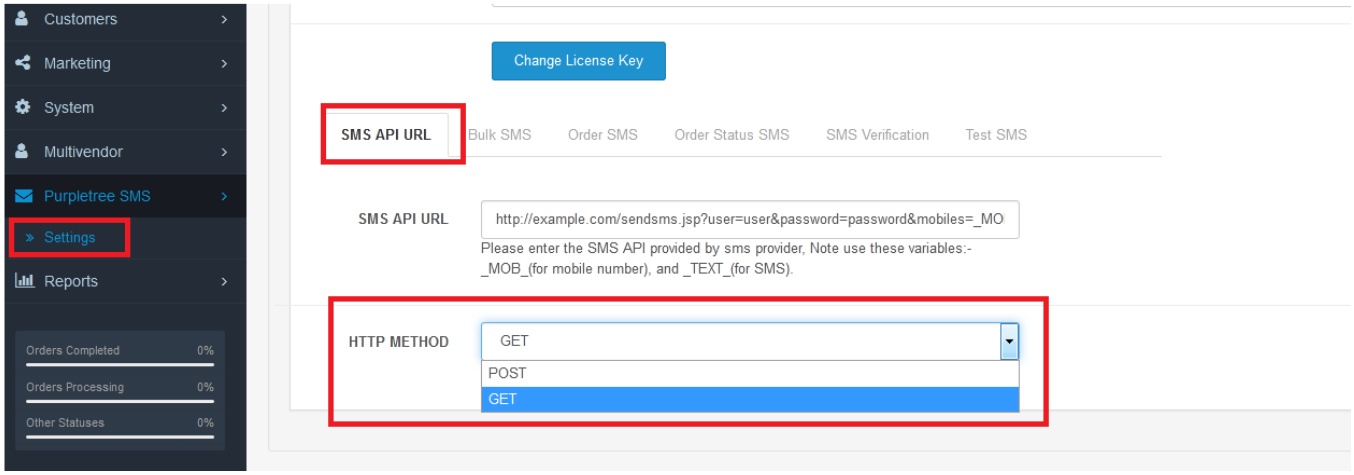
Example Image:



We also have the “HTTP METHOD” field in the ‘SMS API URL’ tab. It has two dropdown values,GET and POST. If your SMS provides has GET method, then choose GET and if they support POST method then choose POST.

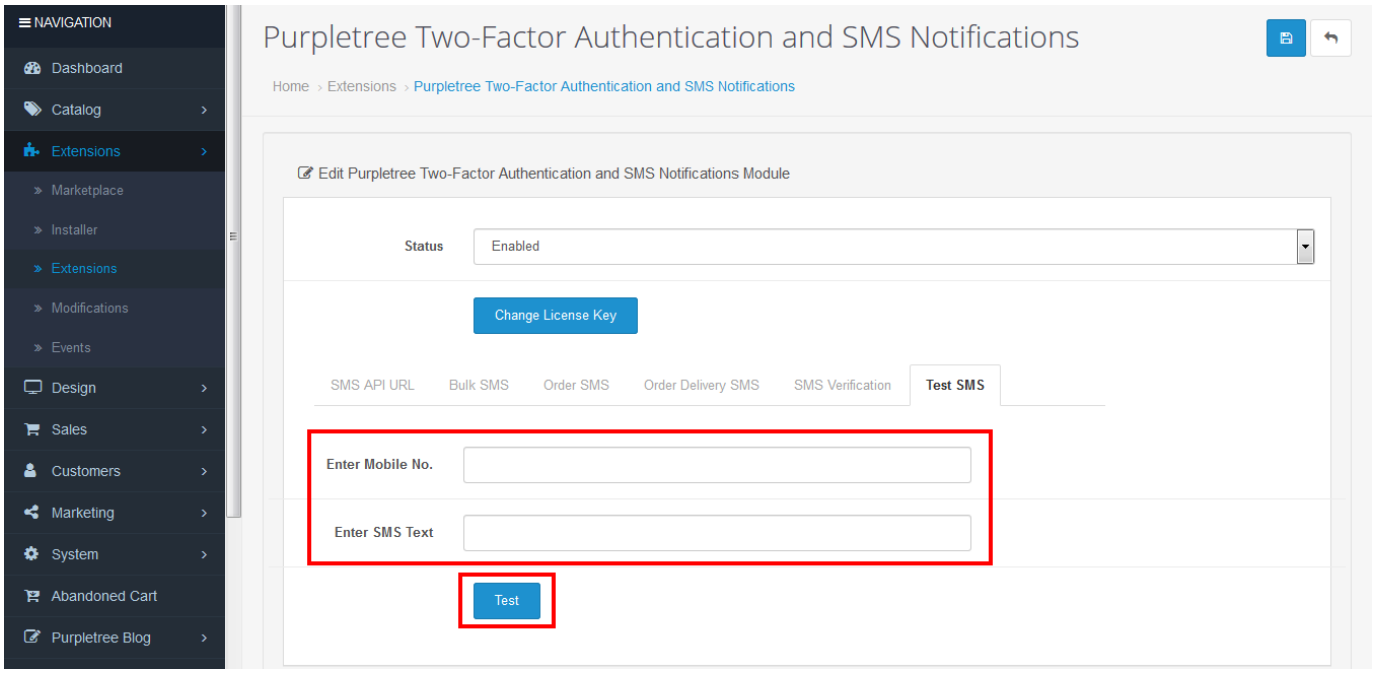
After selecting the value of “HTTP METHOD”, Click on save button on top right corner of the page.

Please see the below example image:


Customers
Marketing
System
Multivendor
Purpletree SMS
Settings
Reports
Orders Completed 0%
Orders Processing 0%
Other Statuses 0%
Change License Key
SMS API URL
Bulk SMS
Order SMS
Order Status SMS
SMS Verification
Test SMS
SMS API URL
http://example.com/sendsms.jsp?user=user&password=password&mobiles=_MO
Please enter the SMS API provided by sms provider, Note use these variables:-
MOB(for mobile number), and _TEXT_(for SMS).
HTTP METHOD
GET
POST
GET

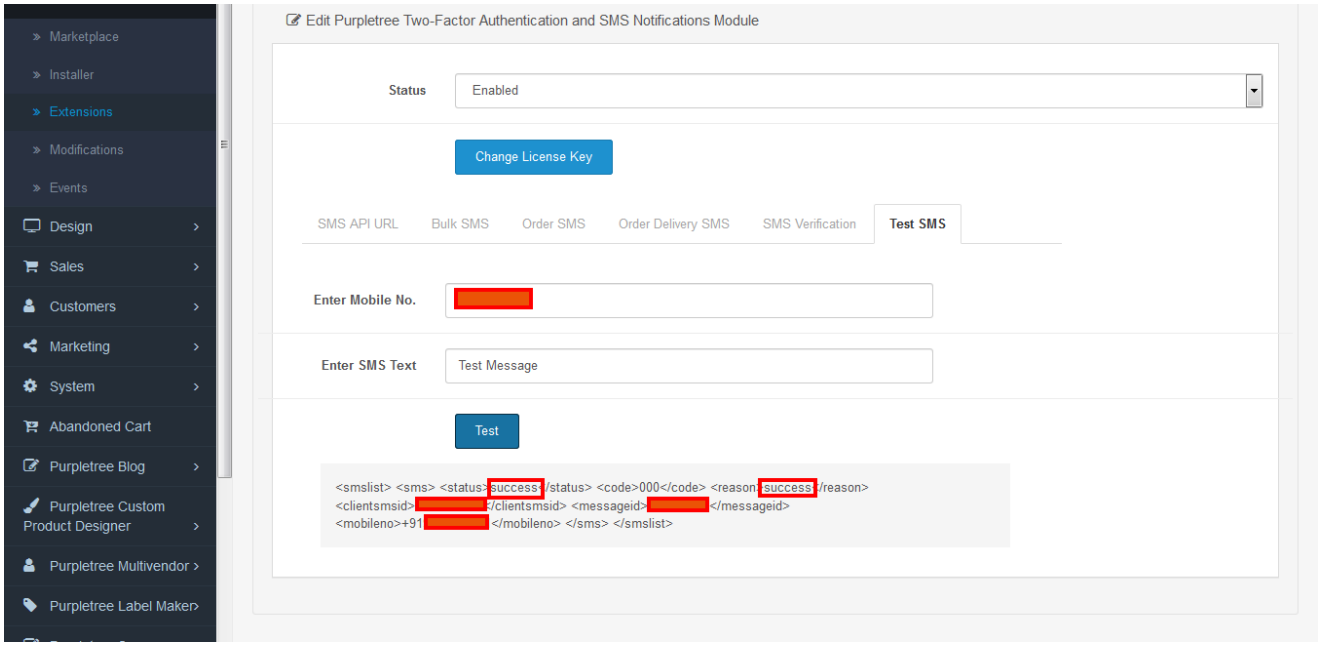
TESTING THE SMS DELIVERY

1. To test SMS API, Click on “Test SMS” tab. Thereafter **Enter the Mobile No.,** and **enter the SMS text**. After that click on test button.



If you SMS API is correctly configured, then SMS API response show below the test button.

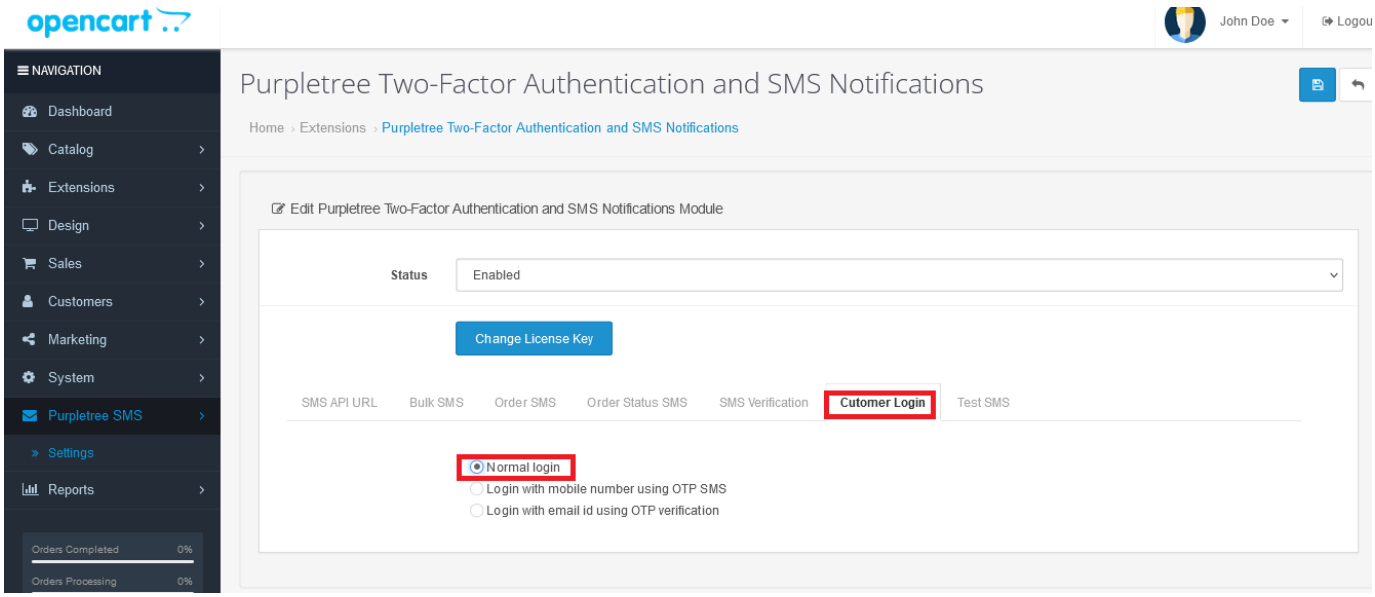
If you do not get SMS and see some error in the status displayed, contact your SMS service provider.



CUSTOMER LOGIN/VERIFICATION OPTIONS

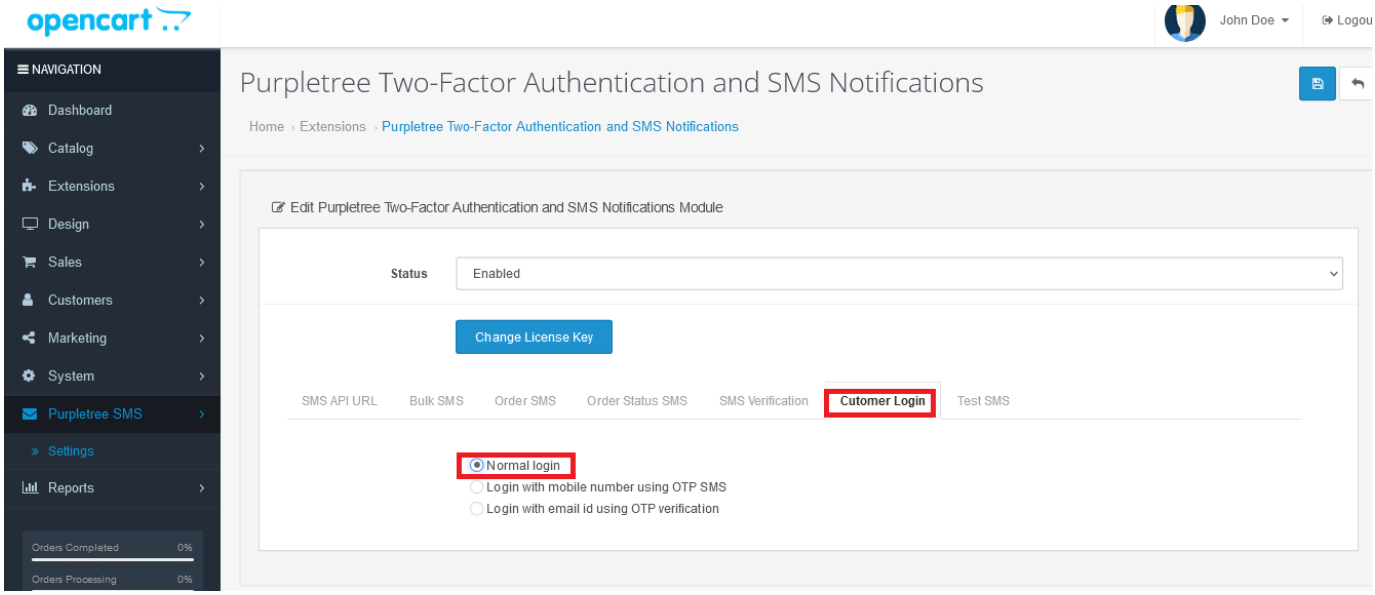
After Admin clicks on “customer login” tab, three Tabs will open

a. Normal login
b. Login with mobile number using OTP SMS
c. Login with email id using OTP verification

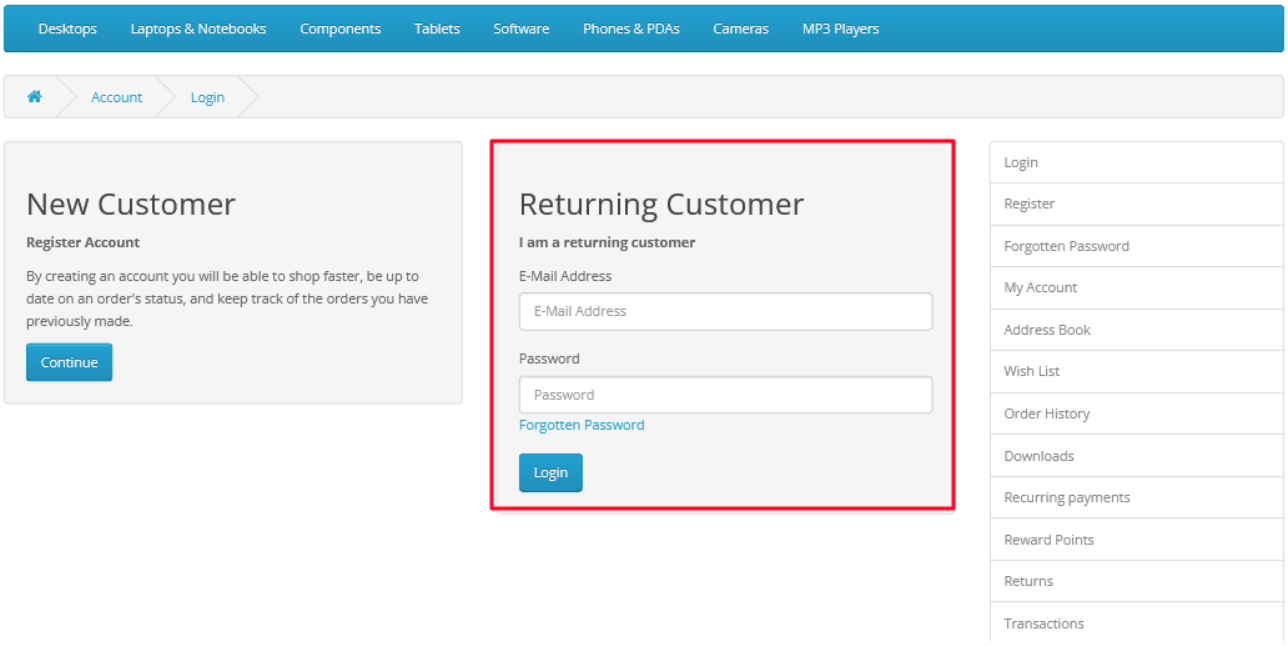


NORMAL LOGIN

When Admin clicks on Normal Login:

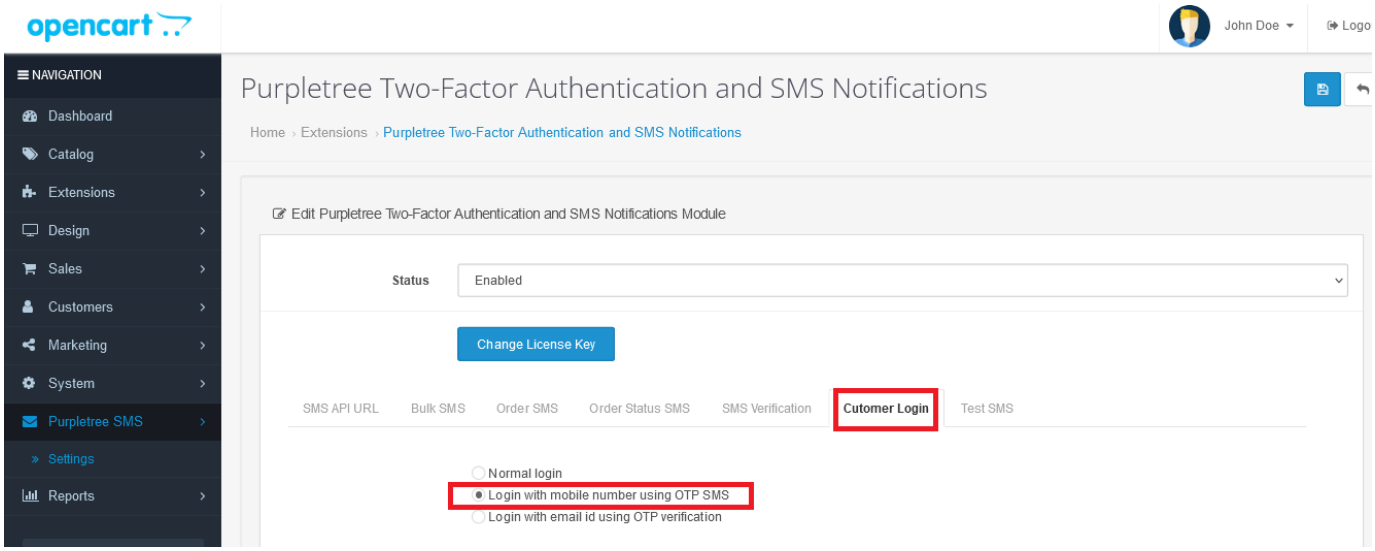


On frontend for customer login, a normal login page will appear, as in any default Opencart Website, Using Email and Password:

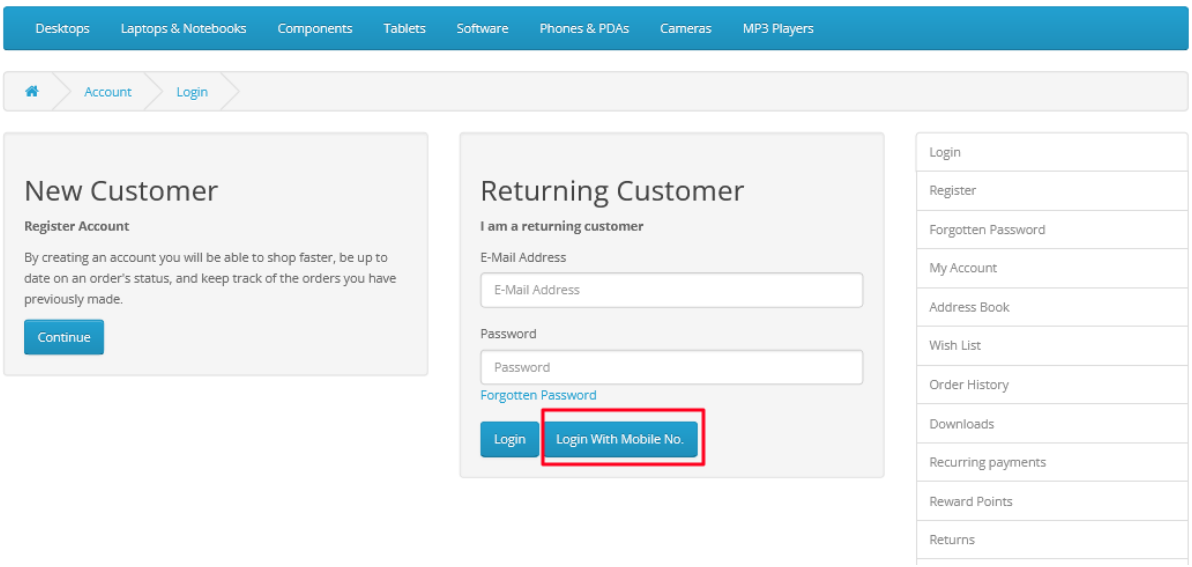


LOGIN WITH MOBILE NUMBER USING OTP SMS

When admin selects option “Login with mobile number using OTP SMS”, then customer can also login using OTP and Mobile number besides default method of Email and Password.

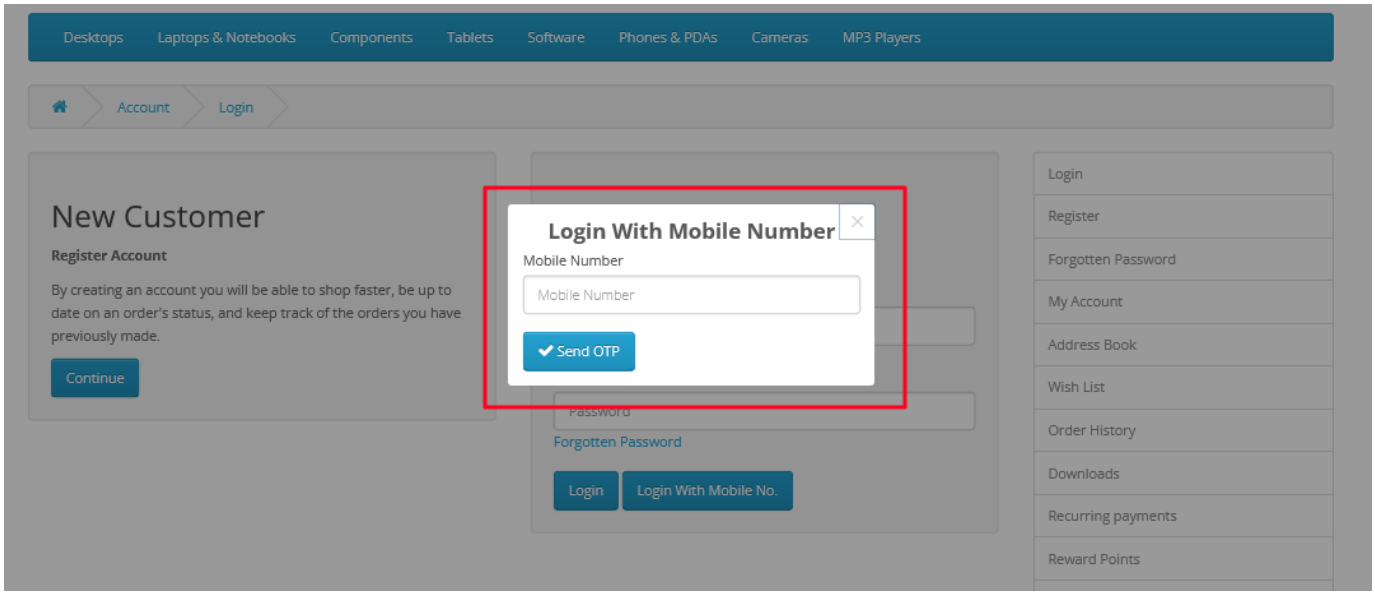


At login page at OpenCart based website, he customer will see default option and Login with Mobile Number option.

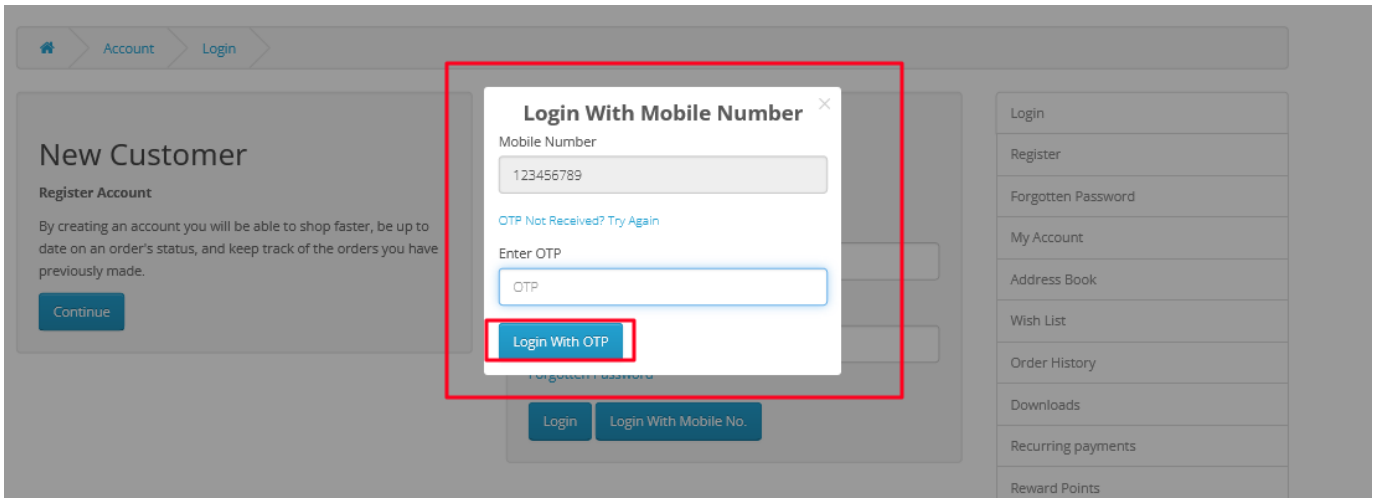


After click on Login with Mobile number

The below pop up will open



- ✓ Put Mobile number in Text Field provided.
- ✓ Click on send OTP.
- ✓ Put OTP received in the POP UP opened.



- ✓ Click on Login with OTP.
- ✓ Customer will login successfully, when correct details are provided.

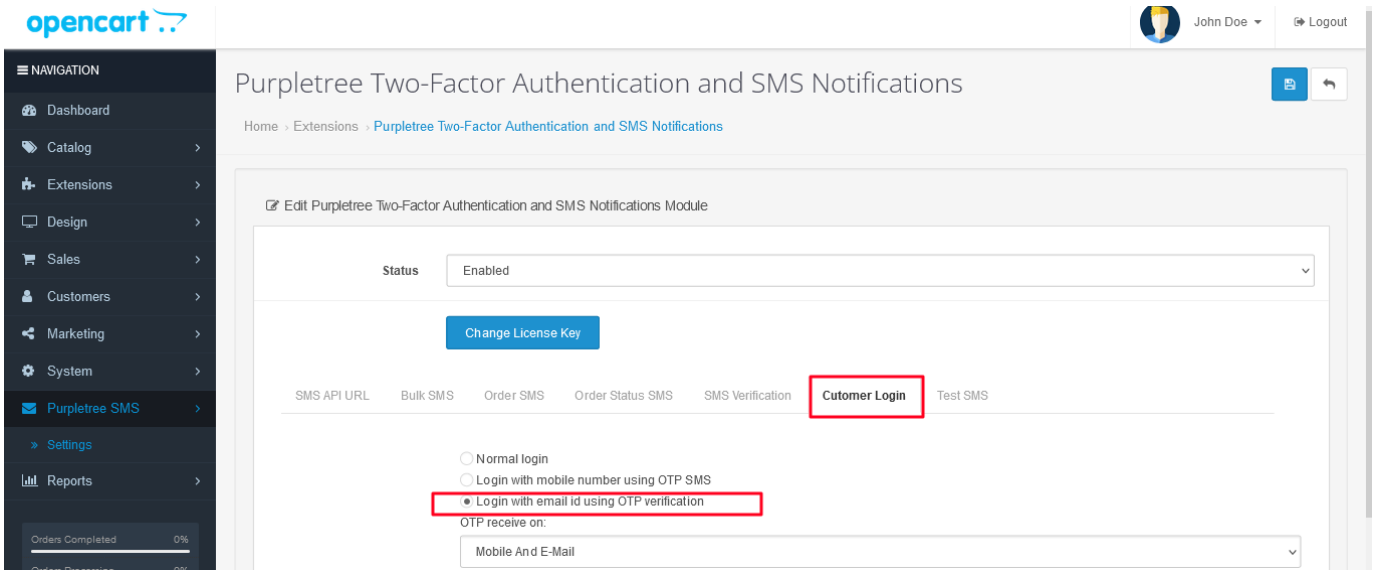
Note: - there is also option for OTP Not Received? Try Again in case if OTP is not received.

Thus, customer can very easily login using OTP and Mobile number.

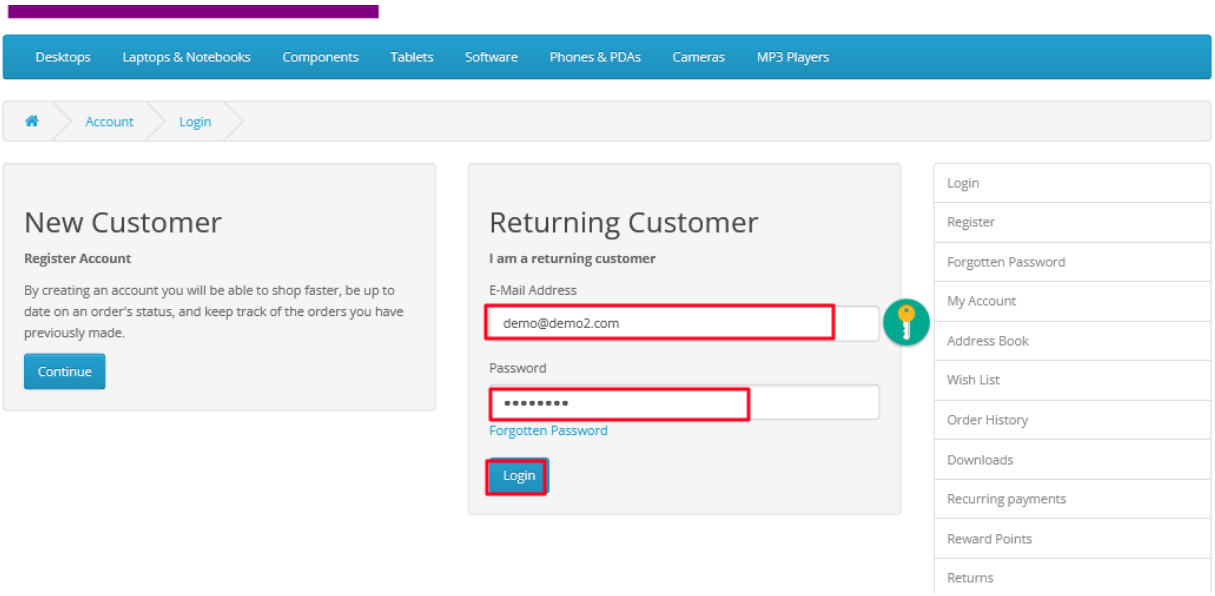
LOGIN WITH EMAIL ID USING OTP VERIFICATION

If admin selects Login with email id using OTP verification,then during customer login, OTP will be received in below mediums as selected by the admin.

a. Email.
b. Mobile and Email.
c. Mobile.



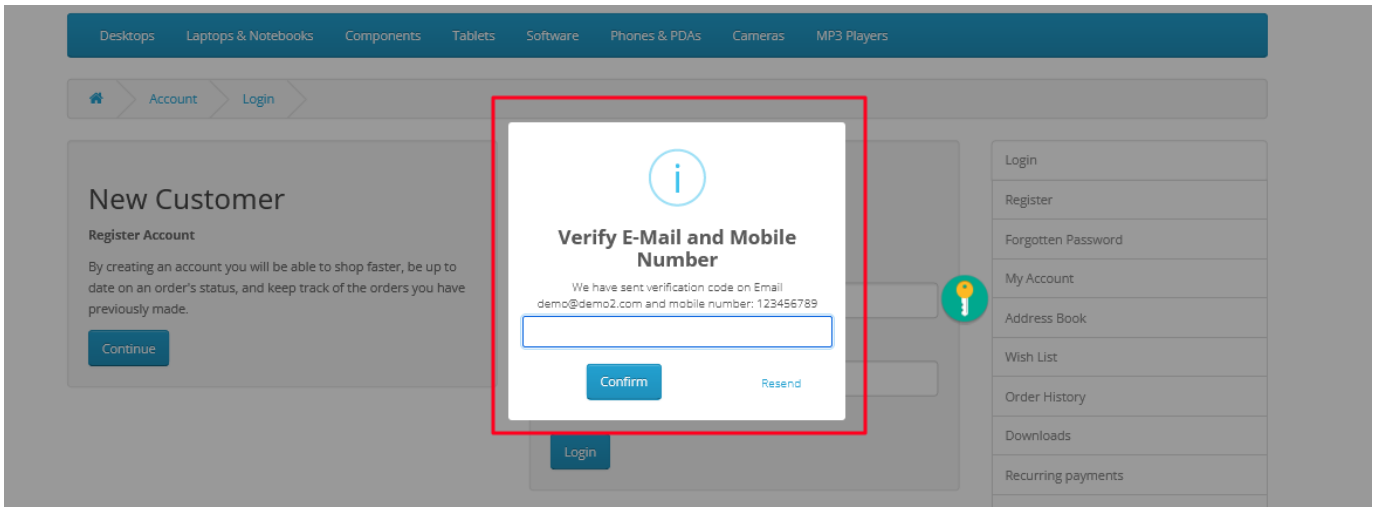
For now, we have selected both Mobile and Email option.



- ✓ After click on Login, the Text Box pop up will open for putting OTP received.
- ✓ Put the OTP received, and customer will be able to login.

Note: - OTP will be received in any medium as selected in admin.

- ✓ Customer can also request for resend OTP.



After putting OTP click on confirm, the customer will be able to login.

Solution: when login button is not visible

If " Login with Mobile No." button is not visible on the customer login page. You can set too.

For Opencart 3.x (twig view file)

First, we need to go to the following file.

catalog > view >theme > * >template >account >login.twig

We have to check the login button code and paste the following code after the login button.

```
<!-- login with mobile no. -->

        {% if send_sms_status == 1 and login_with_mobile == 1 %}

                <button type="button" id="pts-mobile-no-otp" class="btn btn-primary"
onclick="showMobileNoBox();">{{ entry_login_with_phone_no }}</button>

        {% endif %}

<!-- login with mobile no. -->
```

After that you will have to paste following code after footer code.

```
{% if send_sms_status == 1 and (login_with_mobile == 1 or login_with_mobile == 2) %}

    <script>

        var send_sms_status = "{{ send_sms_status }}";

        var login_with_mobile = "{{ login_with_mobile }}";

        var text_login_with_otp = "{{ text_login_with_otp }}";

        var text_otp = "{{ text_otp }}";

        var text_mobile_otp = "{{ text_mobile_otp }}";

        var text_resend_otp = "{{ text_resend_otp }}";

        var text_enter_mob_no = "{{ text_enter_mob_no }}";

        var text_otp_success_msg = "{{ text_otp_success_msg }}";

        var text_login_with_mobile = "{{ text_login_with_mobile }}";

        var text_send_otp = "{{ text_send_otp }}";

        var text_mobile_no = "{{ text_mobile_no }}";

        var text_resend = "{{ text_resend }}";

    </script>

    <style>

        .pts-danger{
```

```
                color: #a94442;
        }
</style>
{% if send_sms_status == 1  and login_with_mobile == 1 %}
        <style>
                .swal2-popup #swal2-content {
                  text-align: left;
                }
        </style>
{% endif %}
<script src="catalog/view/javascript/pts_2f_auth.js" ></script>
<script src="catalog/view/javascript/sweetalert2.all.min.js?v=3.0.40" ></script>
{% endif %}
```

For Opencart 2.x (tpl view file)

First, we need to go to the following file.

catalog > view >theme > * >template >account >login.tpl

We must check the login button code and paste the following code after the login button.

```
        <!-- login with mobile no. -->
                <?php if($send_sms_status == 1 and $login_with_mobile == 1){ ?>
                        <button type="button" id="pts-mobile-no-otp" class="btn btn-primary"
onclick="showMobileNoBox();"><?php echo $entry_login_with_phone_no; ?></button>
                <?php } ?>
        <!-- login with mobile no. -->
```

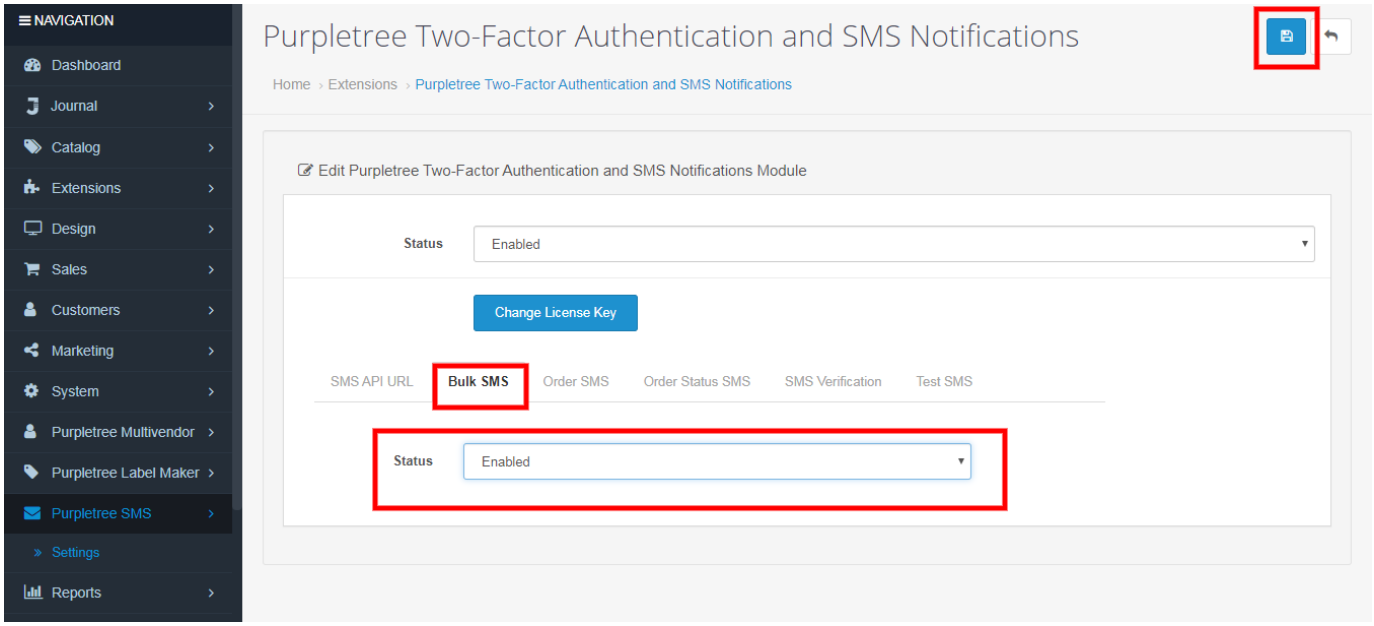
After that you will have to paste following code after footer code.

```
<?php if($send_sms_status == 1 and ($login_with_mobile == 1 or $login_with_mobile == 2)){ ?>
<script>
        var send_sms_status = "<?php echo $send_sms_status; ?>";
        var login_with_mobile = "<?php echo $login_with_mobile; ?>";
        var text_login_with_otp = "<?php echo $text_login_with_otp; ?>";
        var text_otp = "<?php echo $text_otp; ?>";
        var text_mobile_otp = "<?php echo $text_mobile_otp; ?>";
        var text_resend_otp = "<?php echo $text_resend_otp; ?>";
```

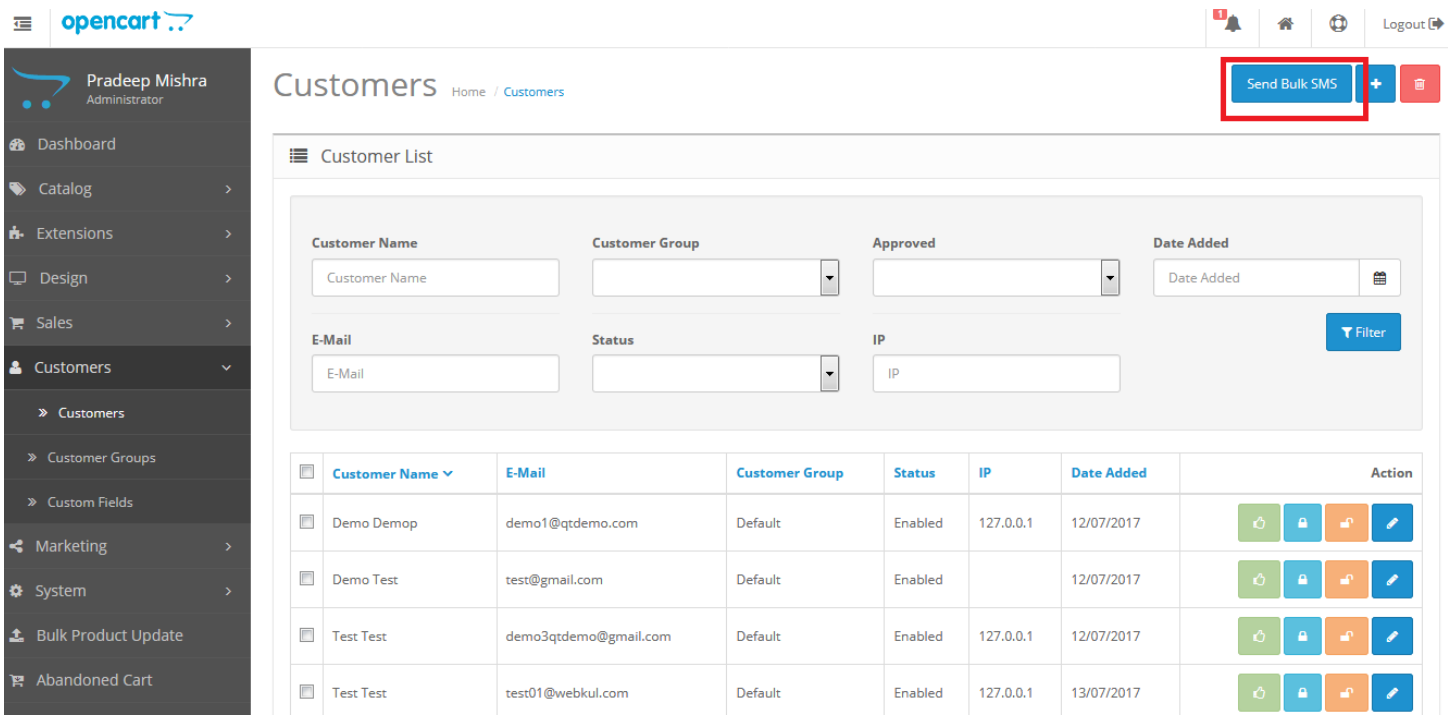
```
        var text_enter_mob_no = "<?php echo $text_enter_mob_no; ?>";
        var text_otp_success_msg = "<?php echo $text_otp_success_msg; ?>";
        var text_login_with_mobile = "<?php echo $text_login_with_mobile; ?>";
        var text_send_otp = "<?php echo $text_send_otp; ?>";
        var text_mobile_no = "<?php echo $text_mobile_no; ?>";
        var text_resend = "<?php echo $text_resend; ?>";
</script>
<style>
        .pts-danger{
                color: #a94442;
        }
</style>
<?php if($send_sms_status == 1  and $login_with_mobile == 1){ ?>
        <style>
                .swal2-popup #swal2-content {
                  text-align: left;
                }
        </style>
<?php } ?>
<script src="catalog/view/javascript/pts_2f_auth.js" ></script>
<script src="catalog/view/javascript/sweetalert2.all.min.js?v=3.0.40" ></script>
<?php } ?>
```

SENDING BULK SMS

1. To send message to your customers in bulk, click on the “Bulk SMS” tab and enable its status in “Edit module” panel. Make sure to click on save button after modification.

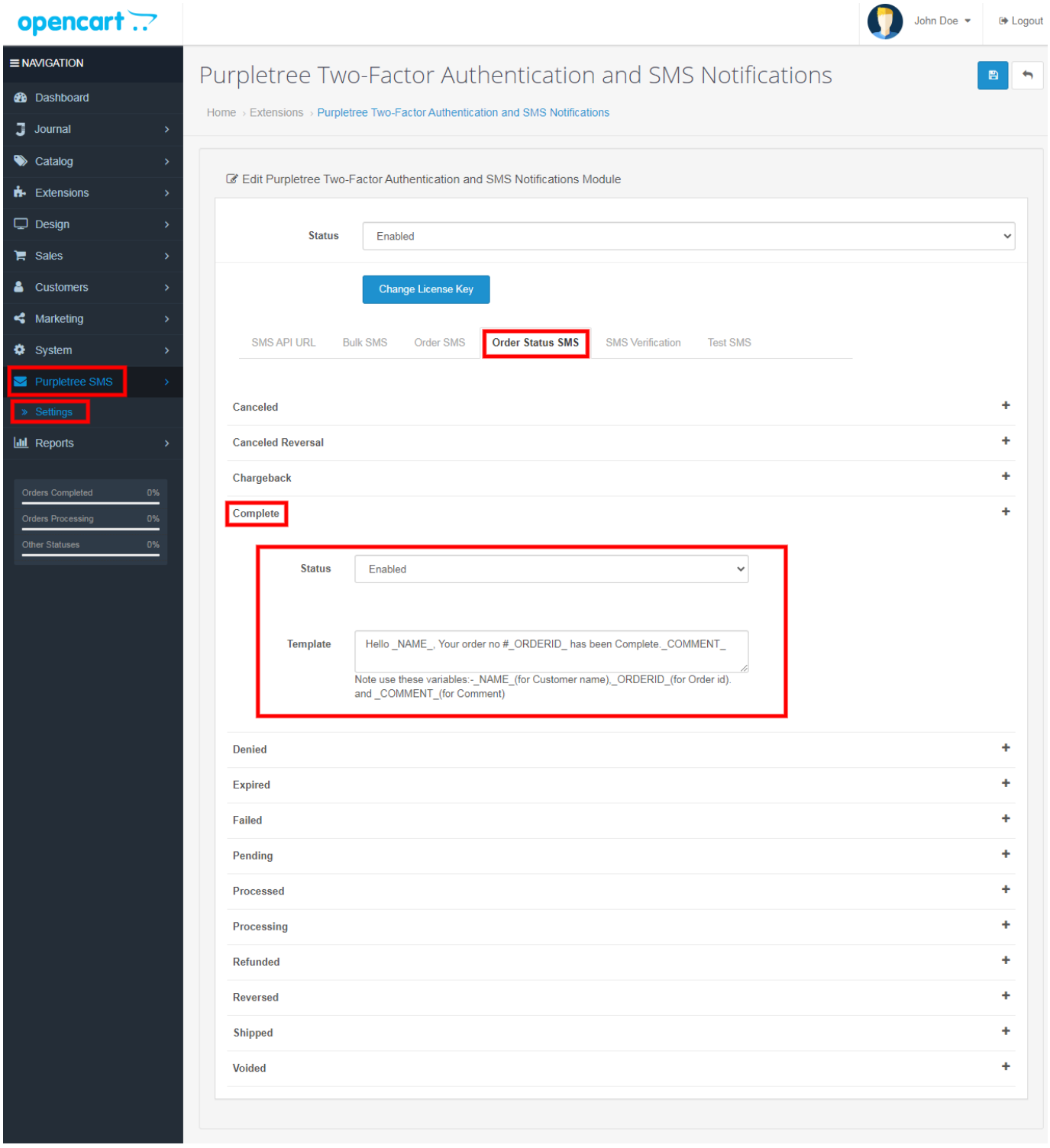


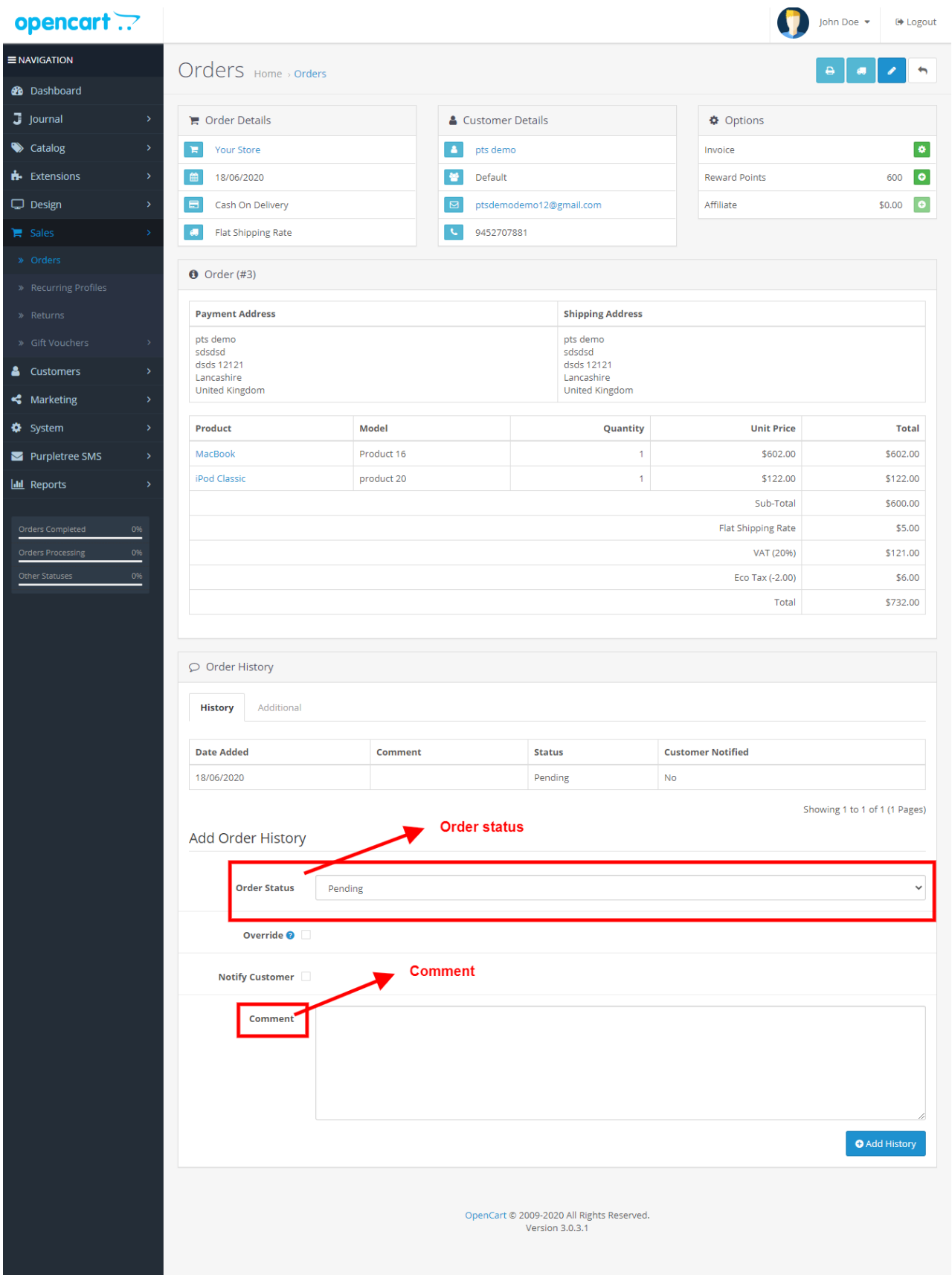
2. After enabling the bulk SMS status, a button “Send Bulk SMS” will appear on the upper-right corner on customer list page. Select customer/s and click on the “Send Bulk SMS” button. Insert the message in form and click on send button.


opencart
Logout
Pradeep Mishra
Administrator
Dashboard
Catalog
Extensions
Design
Sales
Customers
Customers
Customer Groups
Custom Fields
Marketing
System
Bulk Product Update
Abandoned Cart
Customers
Home / Customers
Send Bulk SMS
Customer List
Customer Name
Customer Name
Customer Group
Approved
Date Added
Date Added
E-Mail
E-Mail
Status
IP
IP
Filter
Customer Name
E-Mail
Customer Group
Status
IP
Date Added
Action
Demo Demop
demo1@qtdemo.com
Default
Enabled
127.0.0.1
12/07/2017
Demo Test
test@gmail.com
Default
Enabled
12/07/2017
Test Test
demo3qtdemo@gmail.com
Default
Enabled
127.0.0.1
12/07/2017
Test Test
test01@webkul.com
Default
Enabled
127.0.0.1
13/07/2017

SENDING AUTOMATIC SMS ON CHANGE OF ORDER STATUS

1. To send message to your customers on Order status. Click on the “Order Status SMS” tab. All available order status list show here. You can set status and SMS template all available order statues. For set status select order status and click on plus symbol or anywhere on selected order status row. After clicked on select order status row expend. Here you can set **Status** and **Template**. Must be use **_NAME_** (for Customer name), **_ORDERID_** (for Order id) and **_COMMENT_** (for Comment) variables in template. Make sure to click on save button after modification.


opencart
John Doe
Logout
NAVIGATION
Dashboard
Journal
Catalog
Extensions
Design
Sales
Customers
Marketing
System
Purpletree SMS
Settings
Reports
Orders Completed 0%
Orders Processing 0%
Other Statuses 0%
Purpletree Two-Factor Authentication and SMS Notifications
Home › Extensions › Purpletree Two-Factor Authentication and SMS Notifications
Edit Purpletree Two-Factor Authentication and SMS Notifications Module
Status
Enabled
Change License Key
SMS API URL
Bulk SMS
Order SMS
Order Status SMS
SMS Verification
Test SMS
Canceled
Canceled Reversal
Chargeback
Complete
Status
Enabled
Template
Hello _NAME_, Your order no #_ORDERID_ has been Complete._COMMENT_
Note use these variables:-_NAME_(for Customer name),_ORDERID_(for Order id). and _COMMENT_(for Comment)
Denied
Expired
Failed
Pending
Processed
Processing
Refunded
Reversed
Shipped
Voided


opencart
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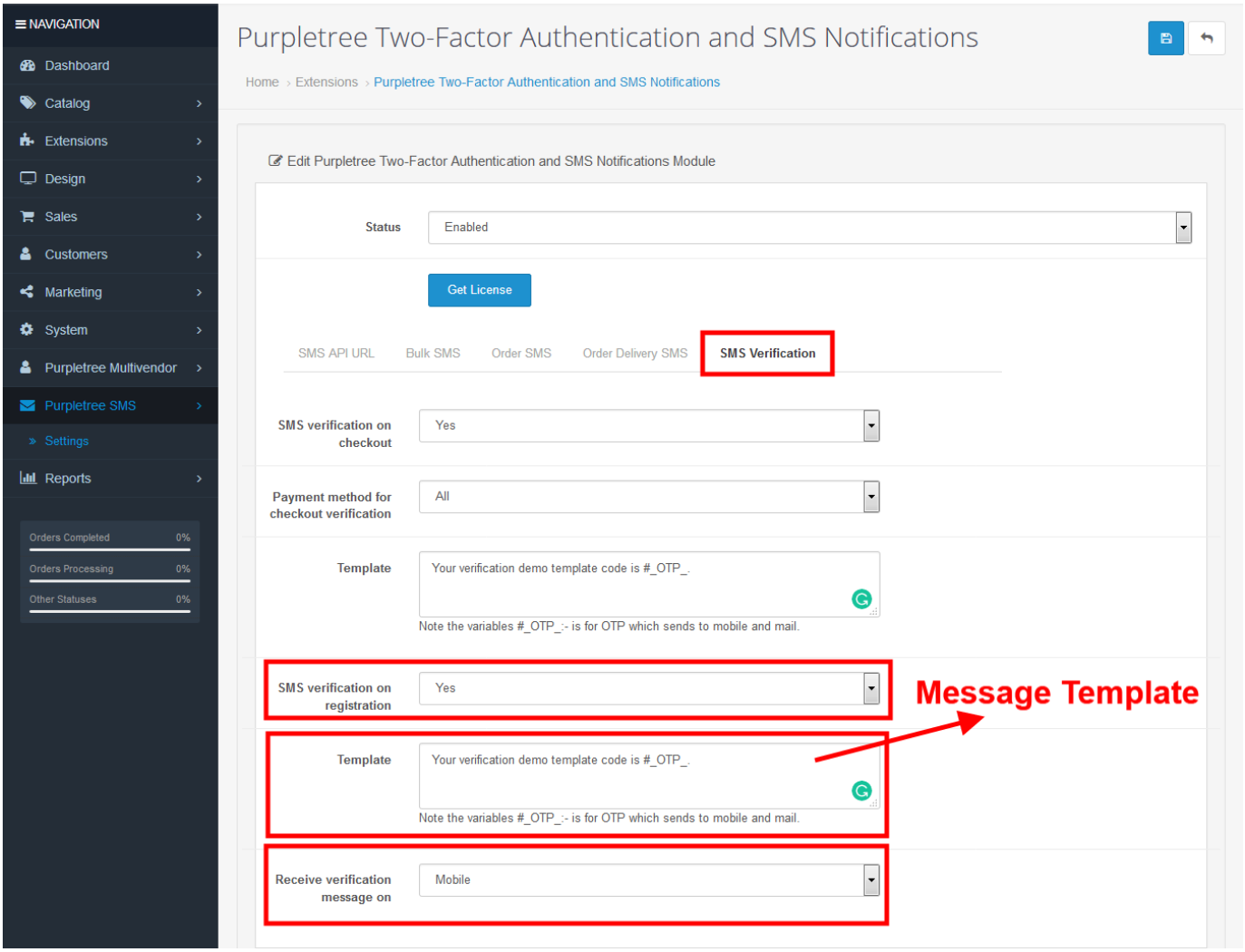
NAVIGATION
Dashboard
Journal
Catalog
Extensions
Design
Sales
Orders
Recurring Profiles
Returns
Gift Vouchers
Customers
Marketing
System
Purpletree SMS
Reports
Orders Completed 0%
Orders Processing 0%
Other Statuses 0%
Orders
Home › Orders
Order Details
Your Store
18/06/2020
Cash On Delivery
Flat Shipping Rate
Customer Details
pts demo
Default
ptsdemodemo12@gmail.com
9452707881
Options
Invoice
Reward Points 600
Affiliate $0.00
Order (#3)
Payment Address
pts demo
sdsdsd
dsds 12121
Lancashire
United Kingdom
Shipping Address
pts demo
sdsdsd
dsds 12121
Lancashire
United Kingdom
Product
Model
Quantity
Unit Price
Total
MacBook
Product 16
1
$602.00
$602.00
iPod Classic
product 20
1
$122.00
$122.00
Sub-Total $600.00
Flat Shipping Rate $5.00
VAT (20%) $121.00
Eco Tax (-2.00) $6.00
Total $732.00
Order History
History
Additional
Date Added
Comment
Status
Customer Notified
18/06/2020
Pending
No
Showing 1 to 1 of 1 (1 Pages)
Add Order History
Order status
Order Status
Pending
Override
Notify Customer
Comment
Comment
Add History
OpenCart © 2009-2020 All Rights Reserved.
Version 3.0.3.1

2. To send verification code message to verify your customers E-mail and Telephone number when customer register , click on the “SMS Verification” tab and set ” Yes” “ SMS verification on registration” and then enter your template if you want else you can leave it blank in the template there is the variable called #_OTP_ this should be remains constant with every message means where the OTP number is visible you need to put at the place then finally, select “Receive verification message on” in “Edit module” panel. Make sure to click on save button after modification.

- Send verification code on Mobile
- Send verification code on E-mail
- Send verification code on E-mail and Mobile both

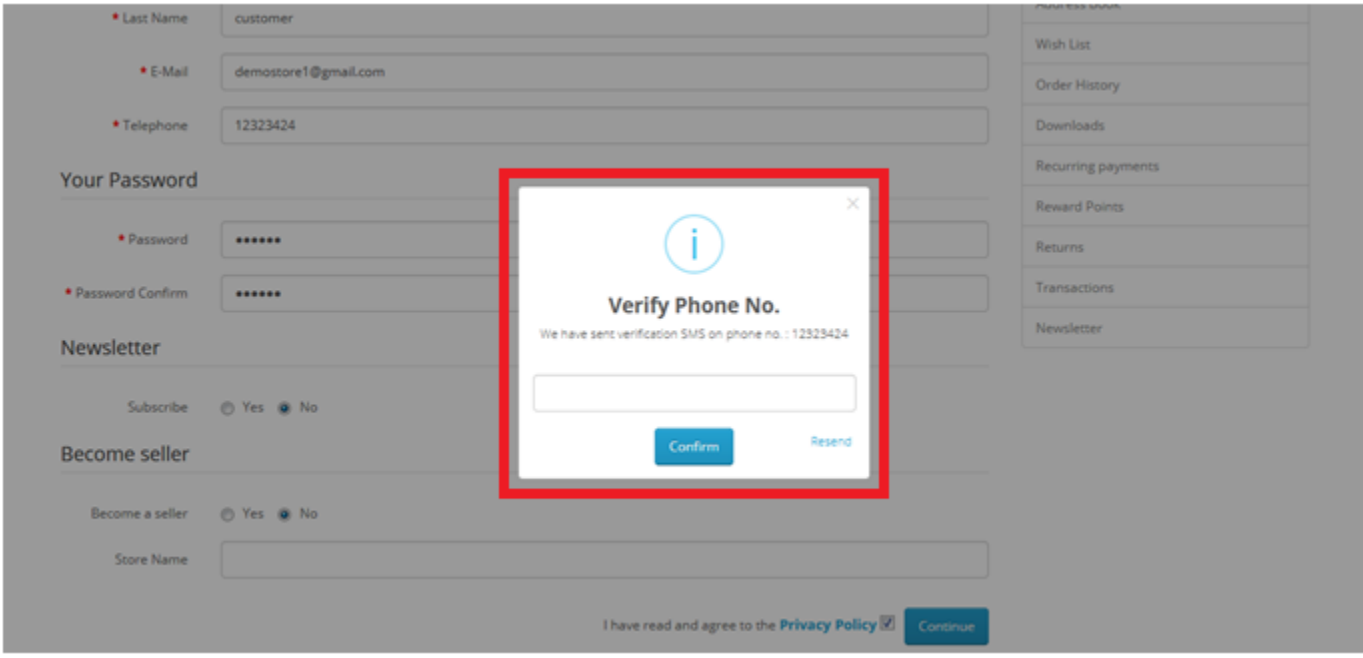


SMS/EMAIL VERIFICATION FOR REGISTRATION

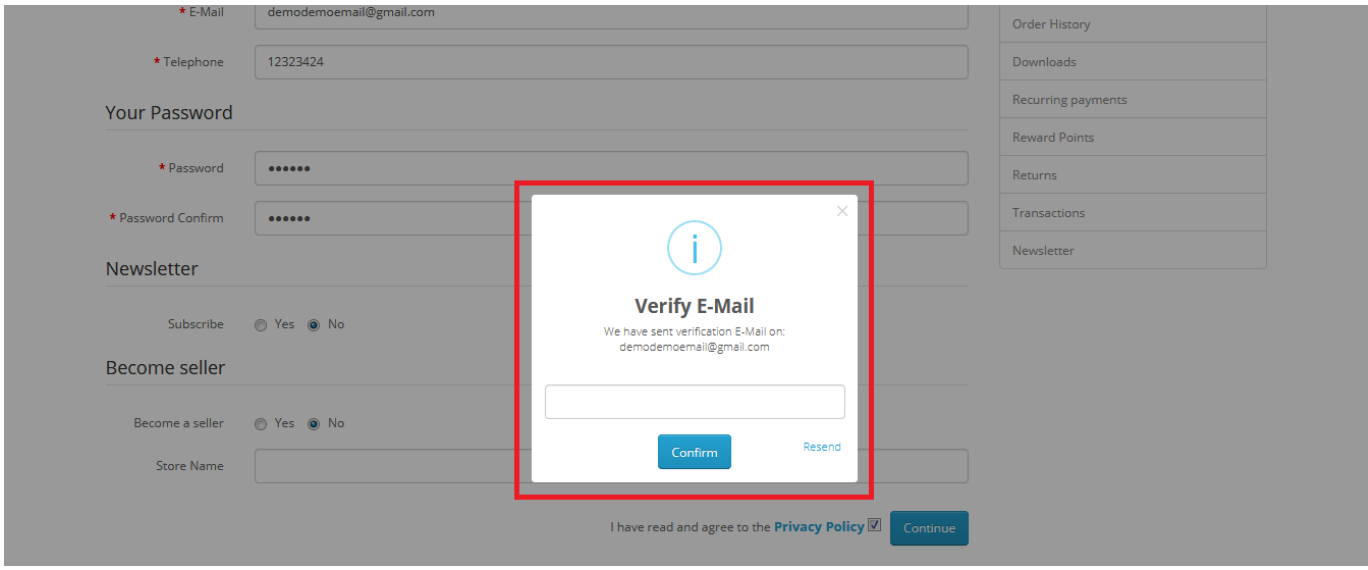
3. How to register with SMS and/or Email Verification?

- Go to Home page customer side and click on My Account
- Select register
- Fill all entry.
- Click continue
- Telephone and email Validation will be checked on continue button.
- SMS or Email verification popup open and verification code will be generated
- Enter the verification code (verification code send on selected medium like Mobile or E-mail)
- If customer need to resend verification code again the click on resend link to regenerate verification code
- if customer enter wrong code, then Invalid verification error show bellow on confirm button
- Click confirm button
- then customer register successfully

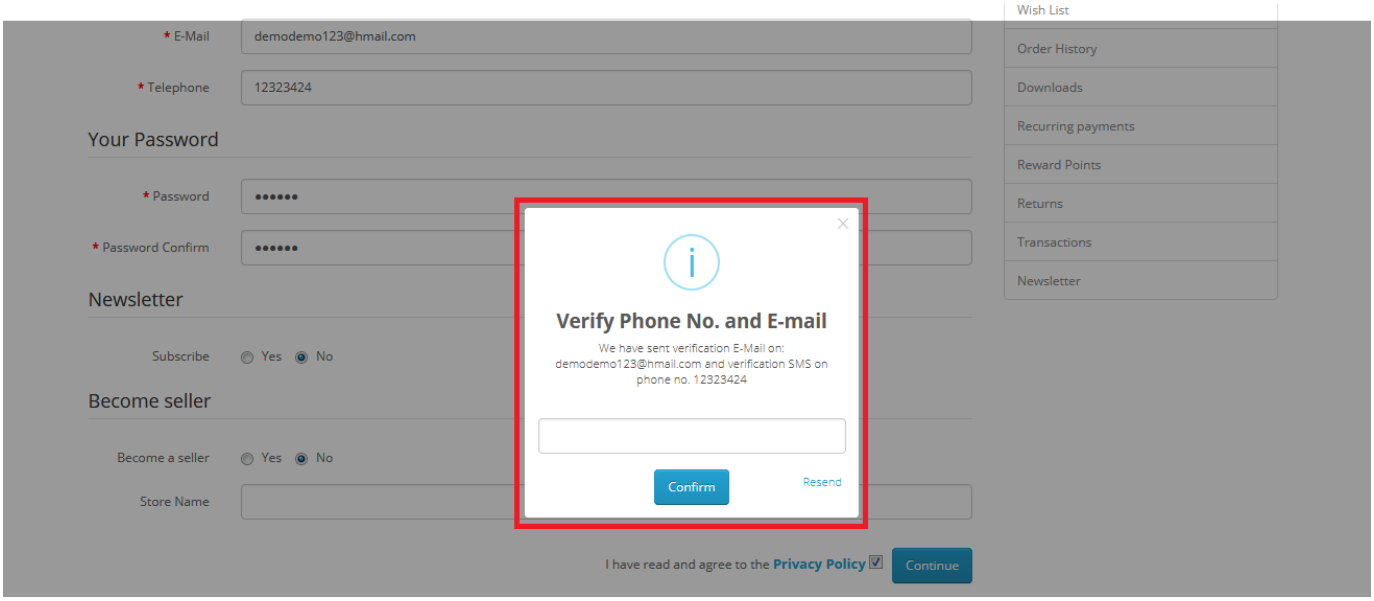
Verify by Phone No.



Verify by Email ID



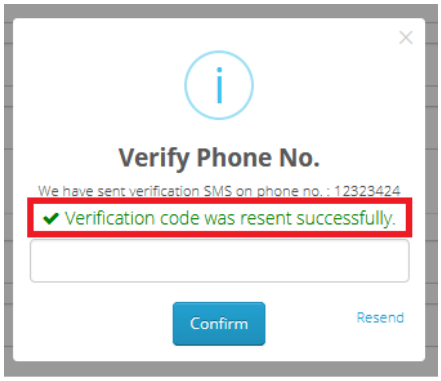
Verify by Both Phone &Email ID



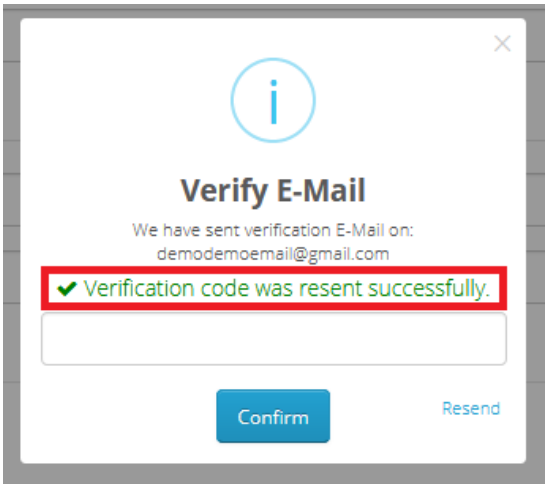
SCREENSHOTS OF VERIFICATION FLOW

Resend Verification code

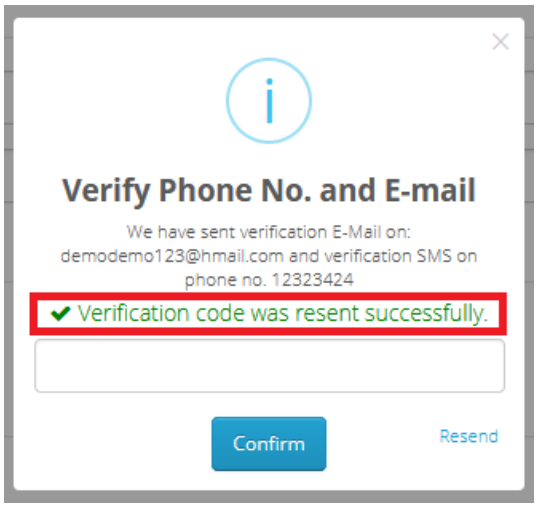
Resend Verification code on Phone No.



Resend Verification code on Email ID

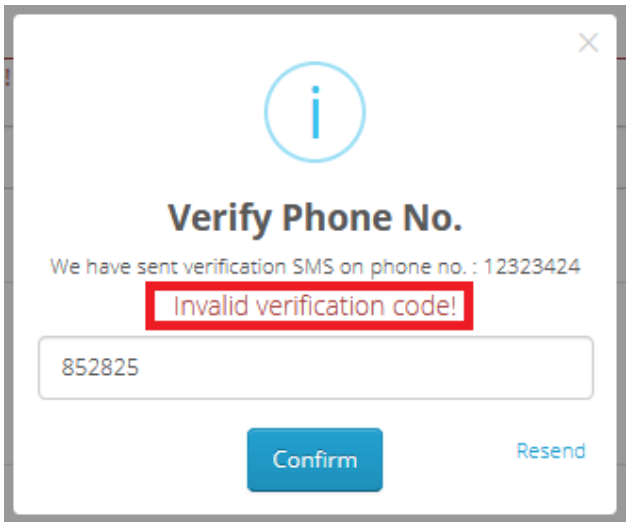


Resend Verification code on Both Phone &Email ID

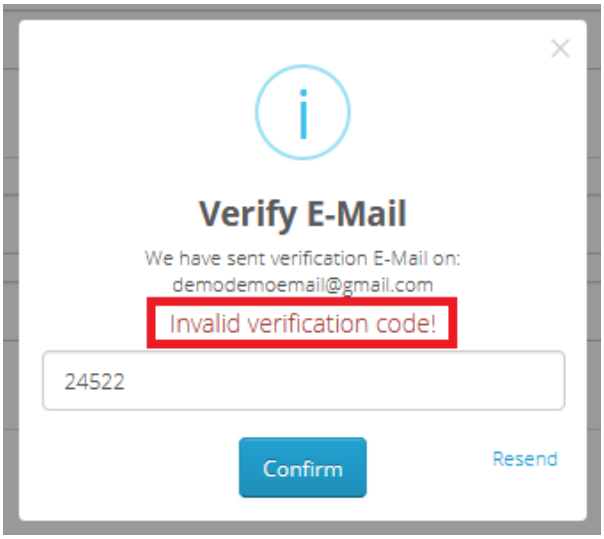


Invalid verification code

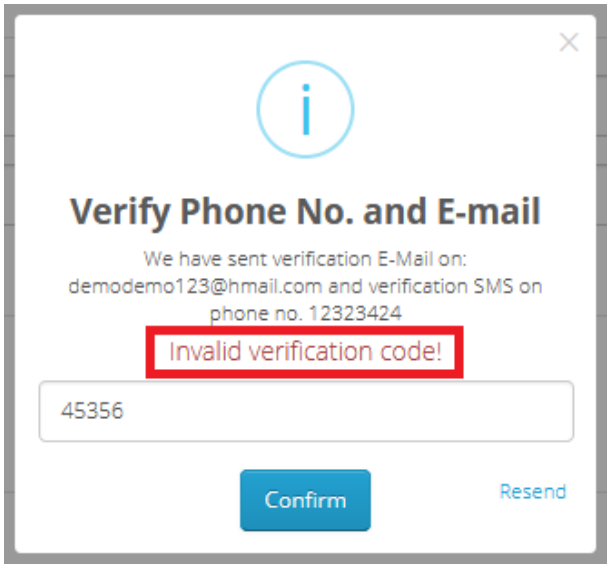
Invalid Verification code on Phone No.



Invalid Verification code on Email ID.



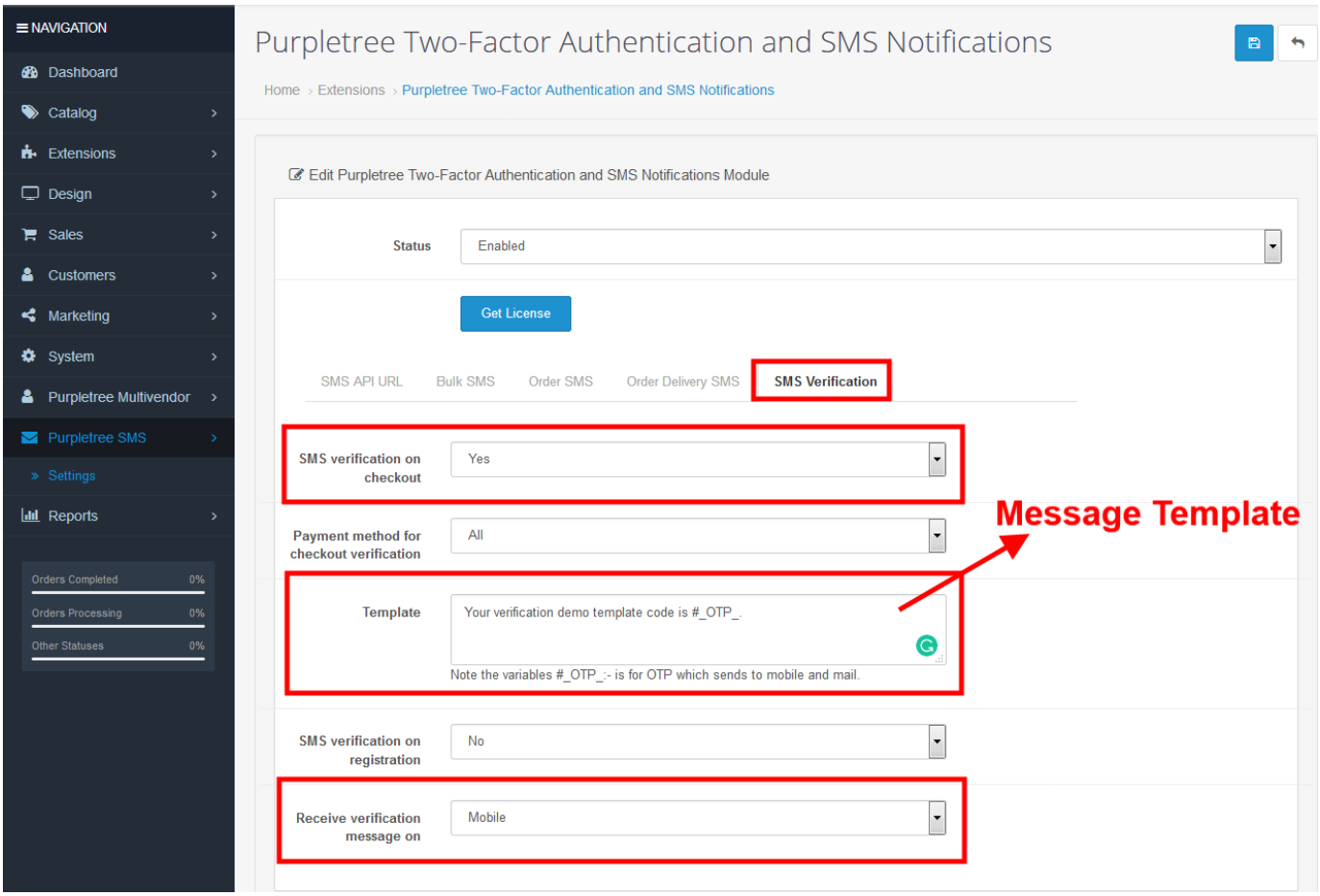
Invalid Verification code on Both Phone & Email ID.



VERIFICATION ON CHECKOUT

1. To verify delivery of the SMS, click on the “SMS Verification” tab and set ” Yes” in the given first option, then enter your OTP message template if you want else you can leave it blank in the template there is the variable called #_OTP_ this should remain constant with every message means where the OTP number is visible you need to put at the place.
2. Select “SMS verification on checkout” and select “Receive verification message on” to either of following:
    a. Send verification code on Mobile
    b. Send verification code on E-mail
    c. Send verification code on E-mail and Mobile both

3. Make sure to click on Save button on top right, after making these settings. These settings should be reverted when testing is complete.



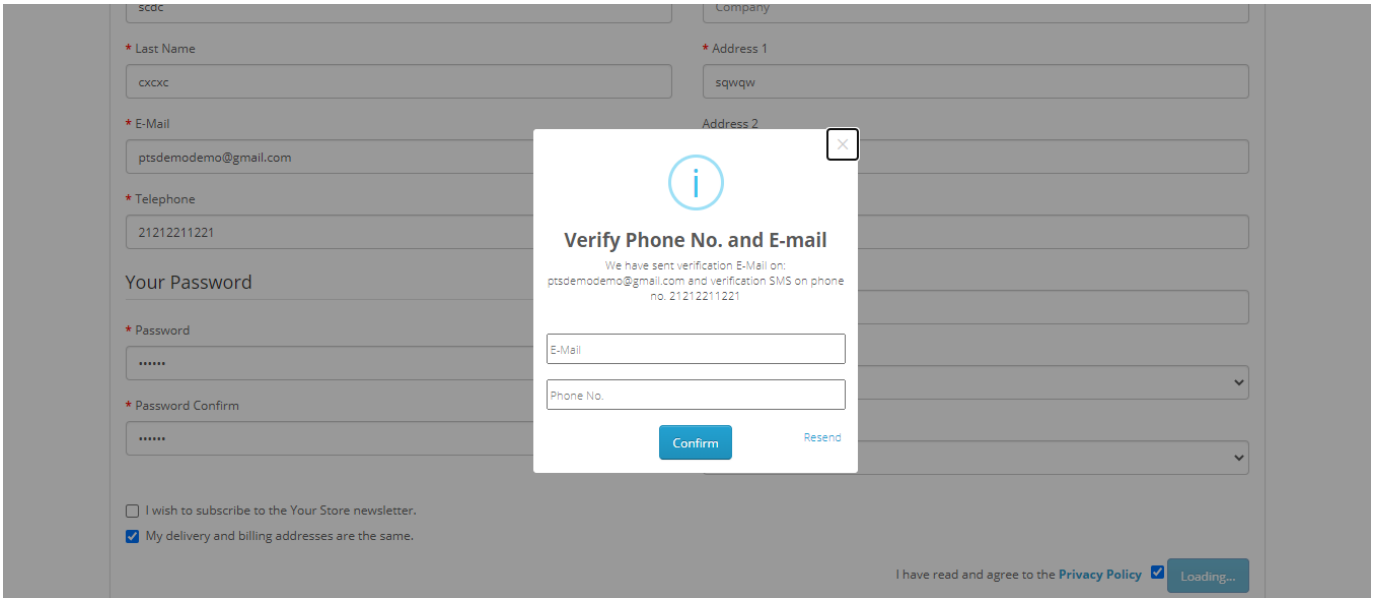
4. How to to Customer checkout with SMS or Email Verification

- Add product in cart
- Click on checkout
- Select the checkout option (if customer login then not need this step)
    - Login
    - Register Account
    - Guest Checkout

If user selects register account, then registration form is opened.

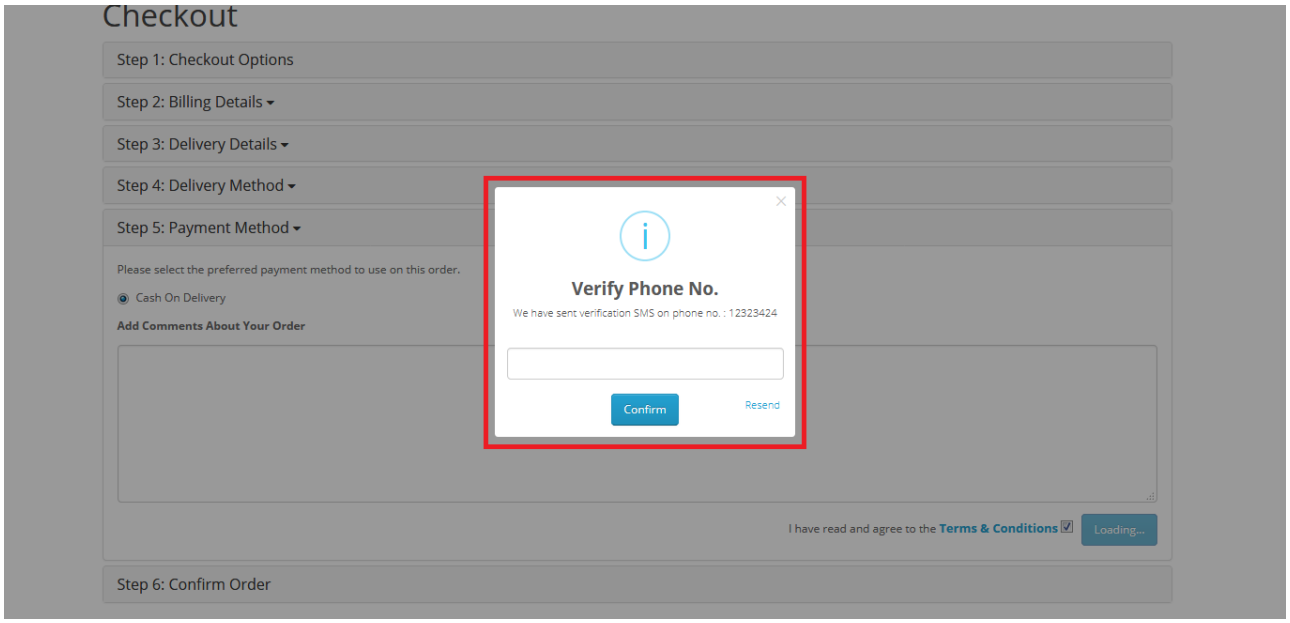
- User fills all required information and click on the continue button.
- Telephone and email Validation will be checked on pressing “continue” button.
- Thereafter SMS verification popup open and verification code will be generated.

Note – If SMS verification on Checkout option is set to “Yes” in “Purpletree SMS > Settings” then telephone and email Validation will be checked during “register account” process on checkout page.

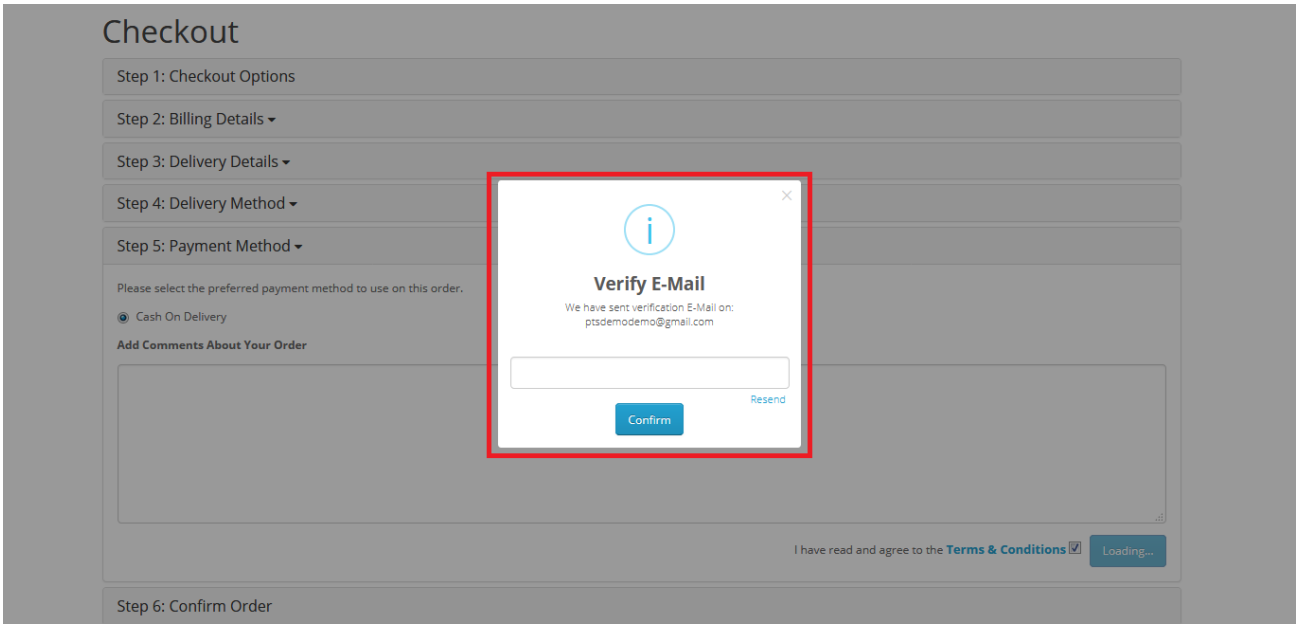


- Fill billing details
- Click continue.
- Telephone and email Validation will be checked on continue button. For logged in customer email and Telephone will be used from their account.
- SMS verification popup opens, and verification code will be generated.
- Enter the verification code (verification code is sent on selected media like Mobile or E-mail).
- If customer needs to resend verification code again the click on ***resend*** link to regenerate verification code.
- If customer enters wrong code, then ***Invalid verification*** error show bellow on confirm button
- Click confirm button
- If all fields have valid data, then customer moves on ***delivery details*** step to fill delivery details.
- select delivery method.
- select payment method.
- click on confirm order.

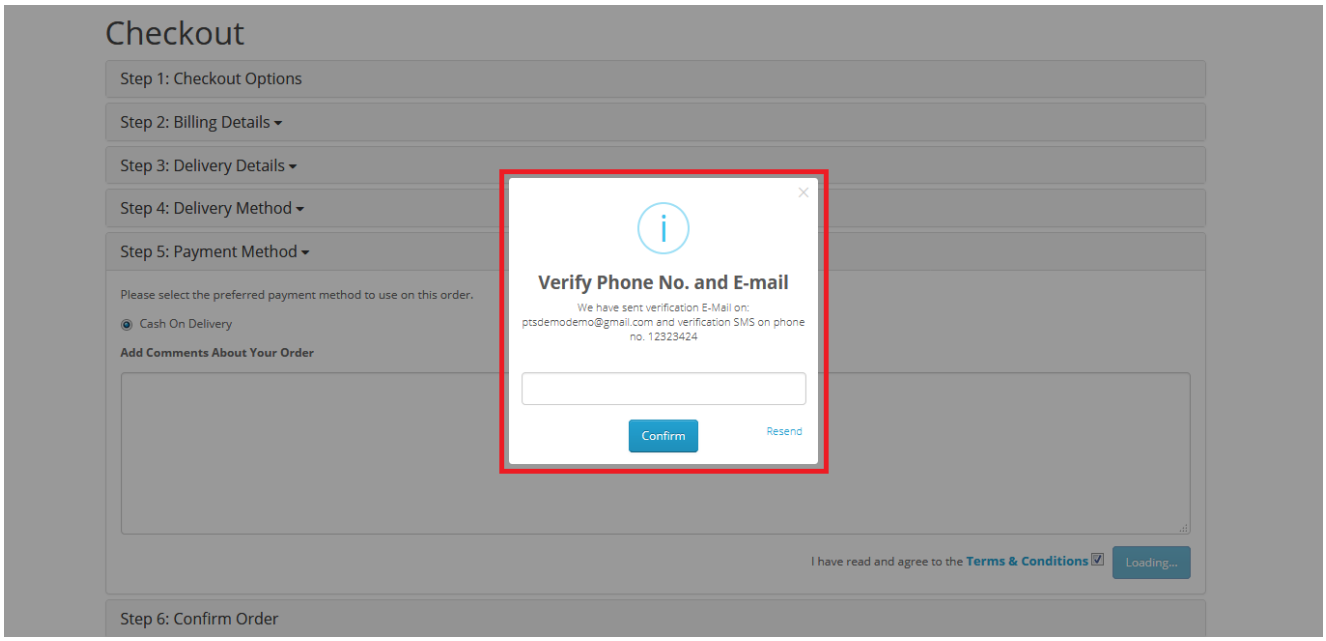
Verify by Phone No.



Verify by Email ID

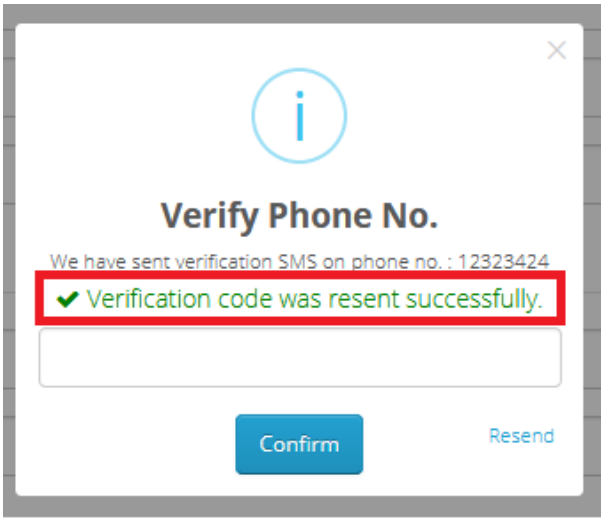


Verify by Both Phone &Email ID

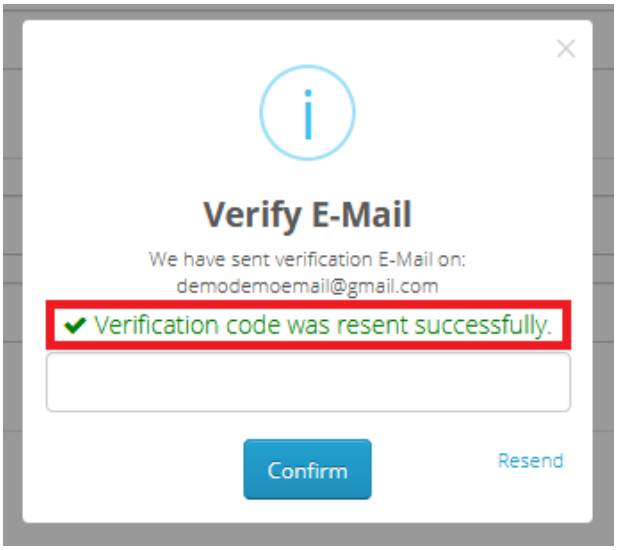


Resend Verification code

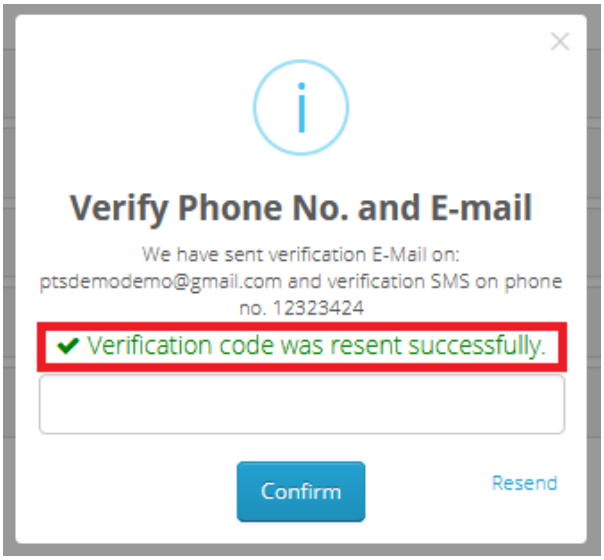
Resend Verification code on Phone No.



Resend Verification code on Email ID

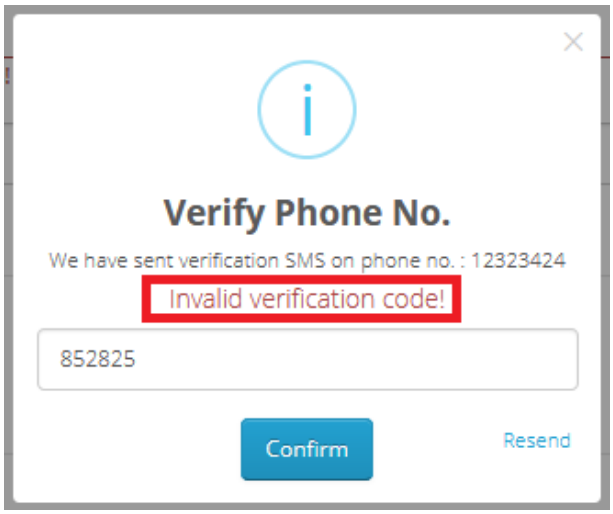


Resend Verification code on Both Phone & Email ID

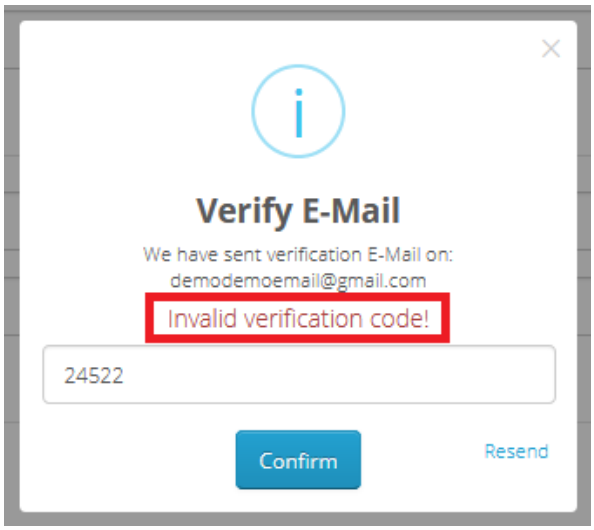


Invalid verification code

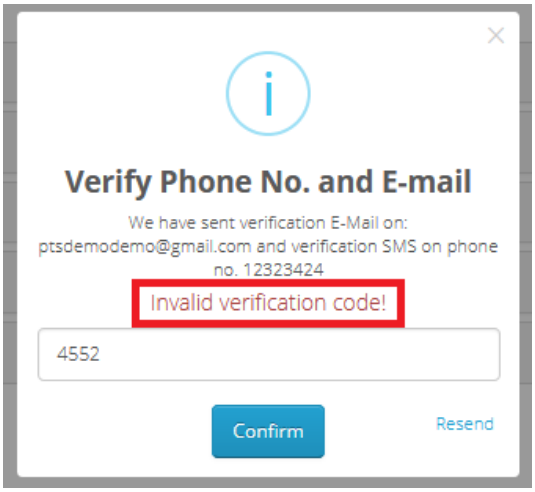
Invalid Verification code on Phone No.



Invalid Verification code on Email ID

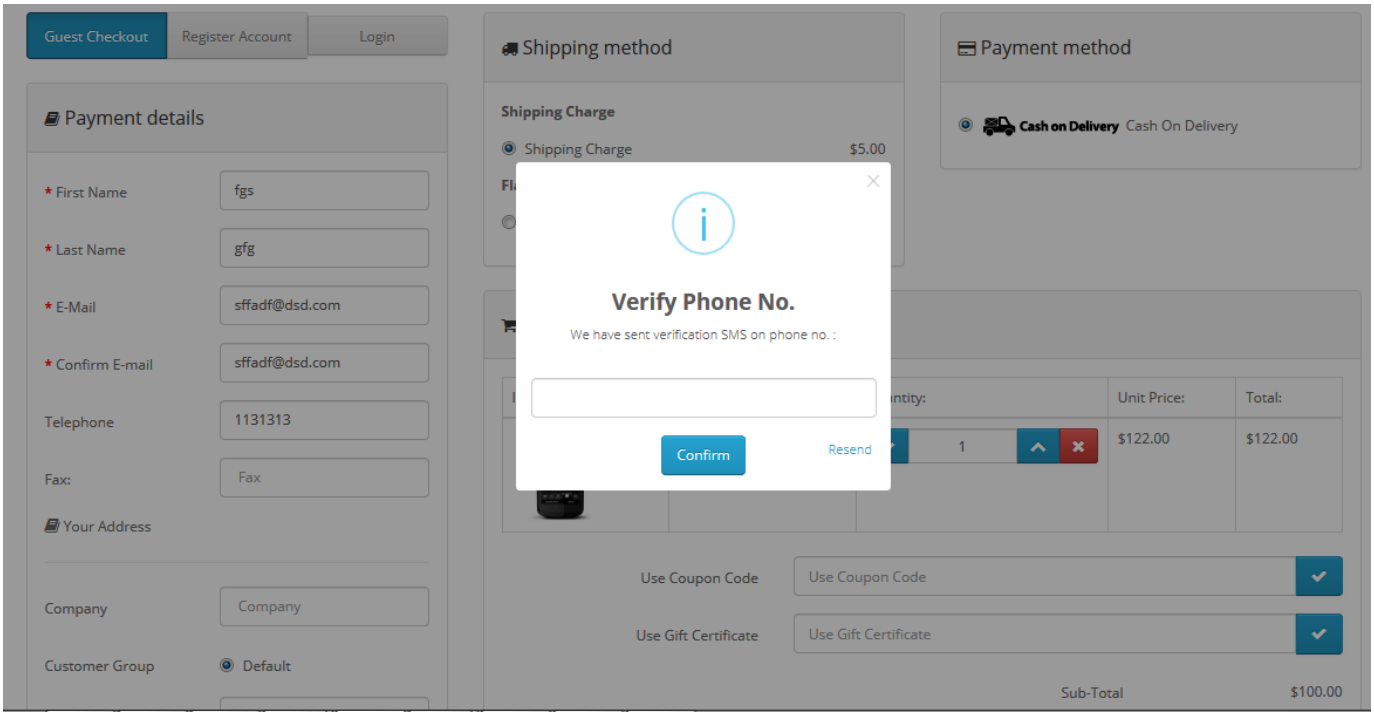


Invalid Verification code on Both Phone &Email ID.


Verify Phone No. and E-mail
We have sent verification E-Mail on: ptsdemodemo@gmail.com and verification SMS on phone no. 12323424
Invalid verification code!
4552
Confirm
Resend

COMPATIBILITY WITH AJAX QUICK CHECKOUT EXTENSION

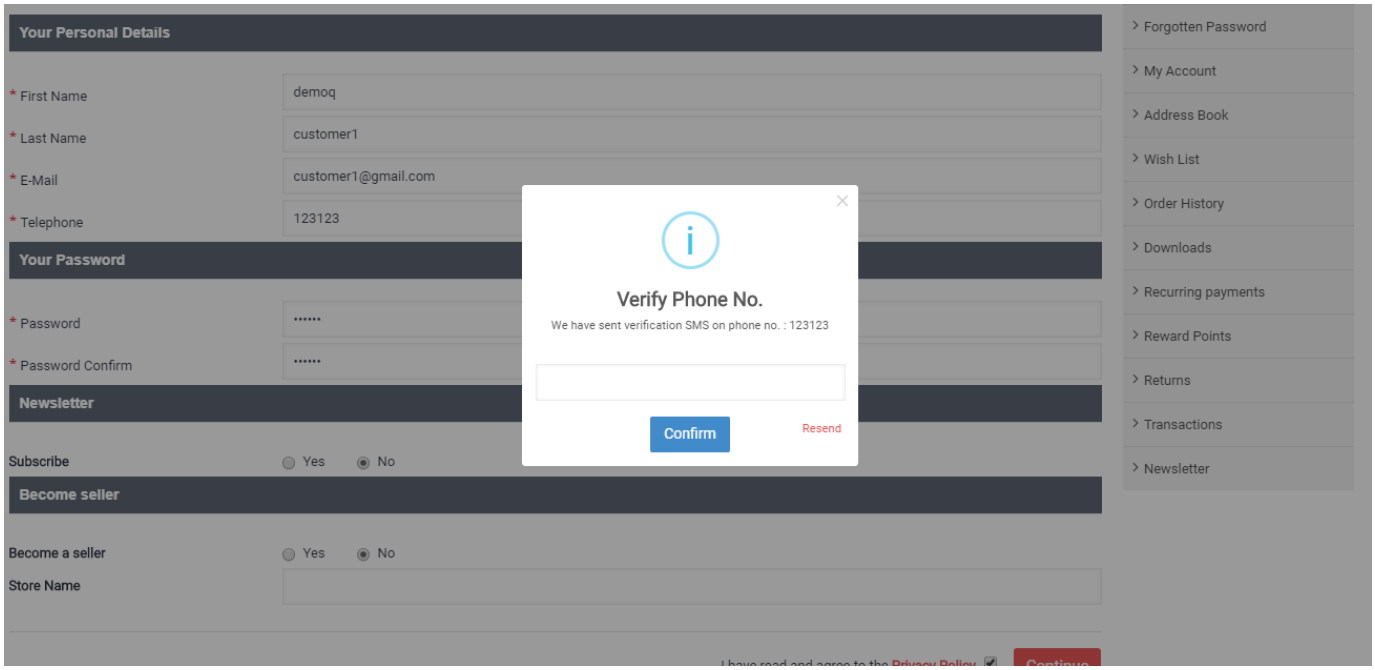
This extension works with **Ajax Quick Checkout**extension.



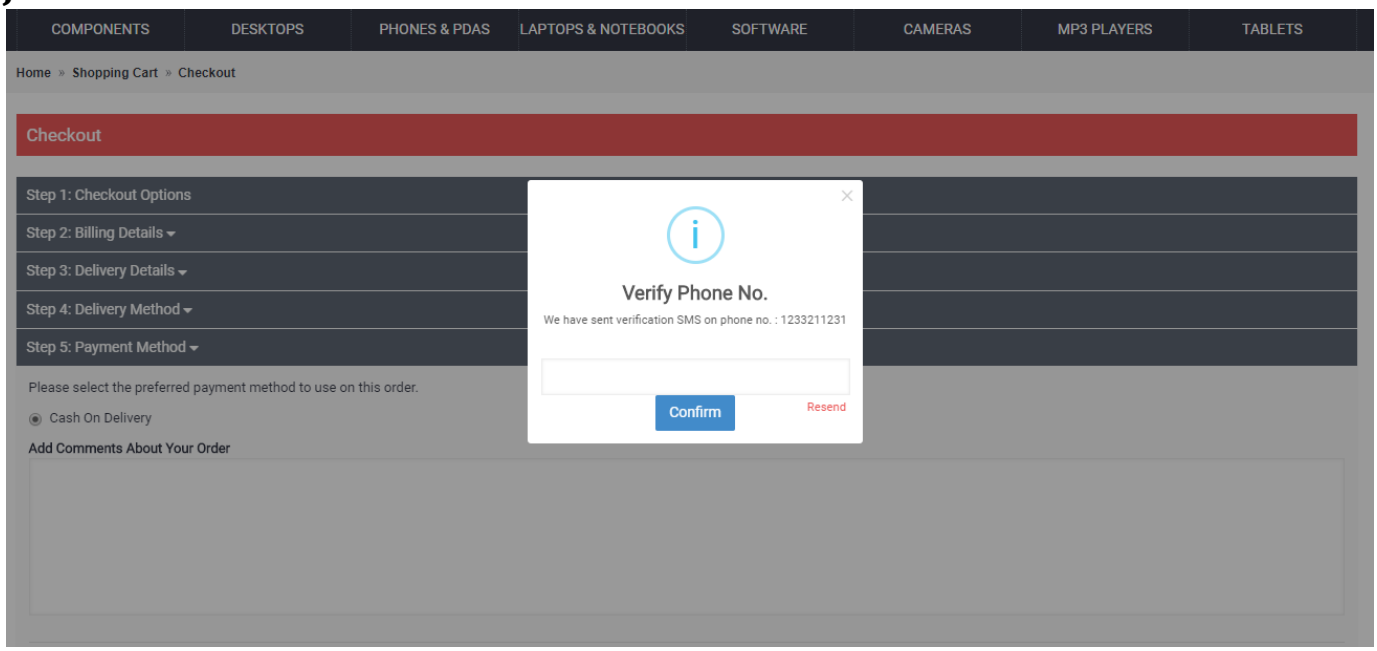
COMPATIBILITY WITH JOURNAL 2& JOURNAL 3 THEMES

This extension works with Journal 2 and Journal 3 themes. From Journal one page checkout, SMS/Email is sent for order confirmation, and not for account registration.

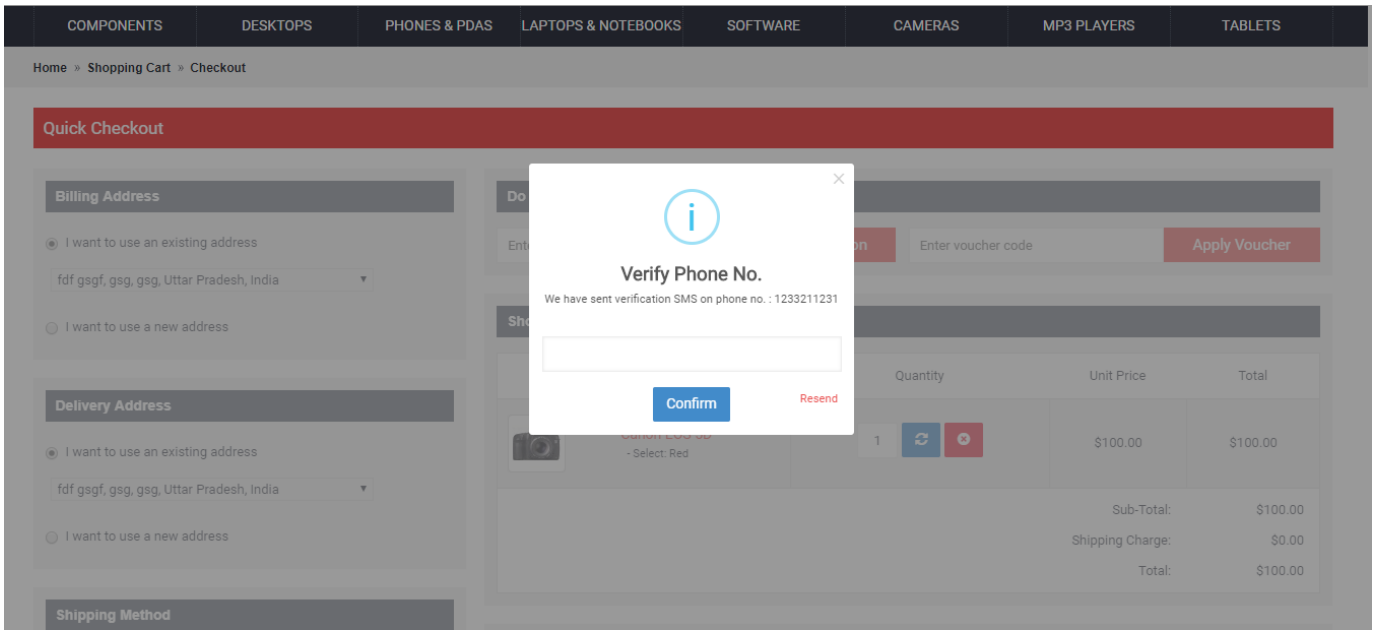
Journal 2 Customer Register



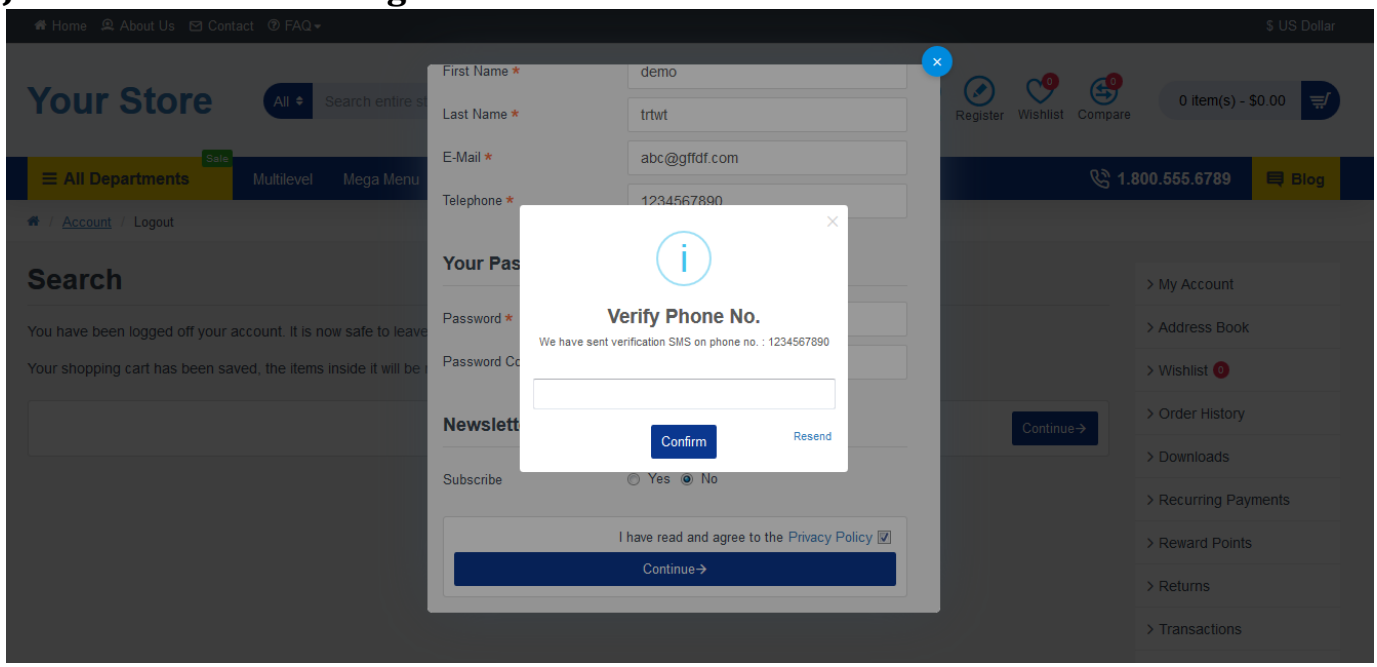
Journal 2 Normal Checkout



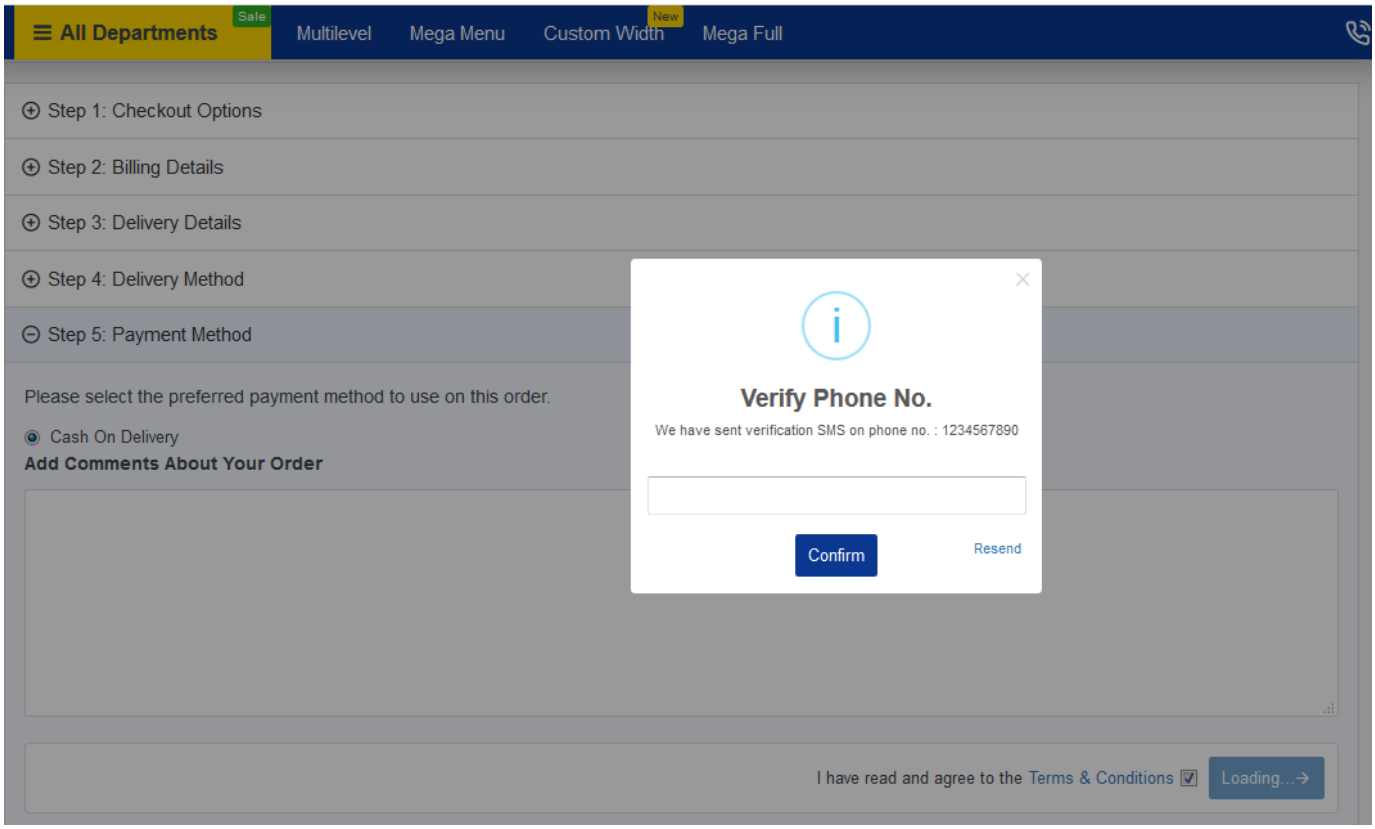
Journal 2 Quick Checkout



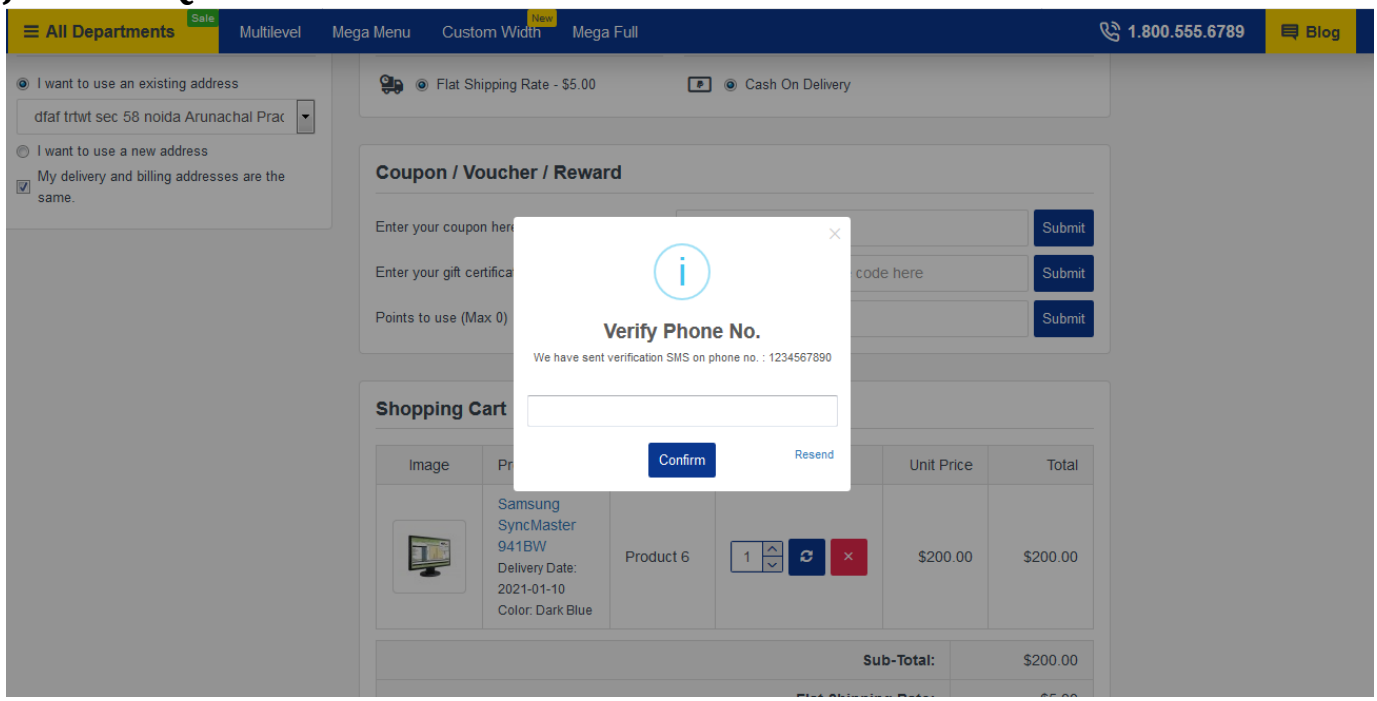
Journal 3 Customer Register



Journal 3 Normal Checkout



Journal 3 Quick Checkout



ORDER STATUS CHANGE AND ORDER DELIVERY

There are two more tabs on ‘edit module’ page.

Enable “Order SMS” tab to send confirmation message to customers for every order.

Enable “Order Delivery SMS” tab and select a status from ‘order status’ to inform customer about their order status. Message will be send only on selected status from ‘order status’ drop-down.

Note: Make sure to click on save button on the upper right corner after modification. And do not make any changes in variables name.

SUPPORT

In case of any issues, please open a support ticket with our helpdesk at https://helpdesk.purpletreesoftware.com, with following information:

1. Order Id
2. FTP credentials or cpanel login credentials
3. Admin login credentials for Opencart