

Integration of SSLCommerz Payment Acquirer with Odoo eCommerce

SSLCOMMERZ is the first payment gateway in Bangladesh opening doors for merchants to receive payments on the internet via their online stores. Customers are able to buy products online using their credit cards as well as bank accounts. If you are a merchant, you have come to the right place! Enhance your business by integrating SSLCOMMERZ to your online store and facilitating online payment in Bangladeshi Taka. Your customers will be able to pay for your products using local credit/debit cards like VISA, MasterCard, DBBL Nexus Card and any kind of credit card or bank accounts right from your online store. SSLCOMMERZ uses industry standard Secure Sockets Layer (SSL) technology which is used worldwide for securing data encryption.

Key Features

This app allows payment using credit cards using the Checkout page option from SSLCommerz Payment Acquirer. The payment can integrated to:



Payment within Odoo Website

How to install the SSLCommerz Payment Acquirer

Install on your server:

1. Download the code on your server.
2. Also add the module folder path to your Odoo Conf file.
3. Restart your server.
4. Go to Settings. Click on "Activate the developer mode".
5. Go to Apps. Click on "Update Apps List" and then click "Update".
6. Remove all the filters and search by "bose_ssl_commerz".
7. Click on Install.

For registration in Production

- Go to Production Site: <https://signup.sslcommerz.com/register>
- Enter Informations in the required fields and click on "Register"



The image shows a person's hands typing on a laptop keyboard. On the laptop screen, there is a screenshot of the SSLCommerz dashboard, which displays various charts and graphs related to e-commerce performance.

SSLCommerz

Products ▾ Developers ▾ Support ▾ Businesses ▾ Contact Us

Let's Get Started

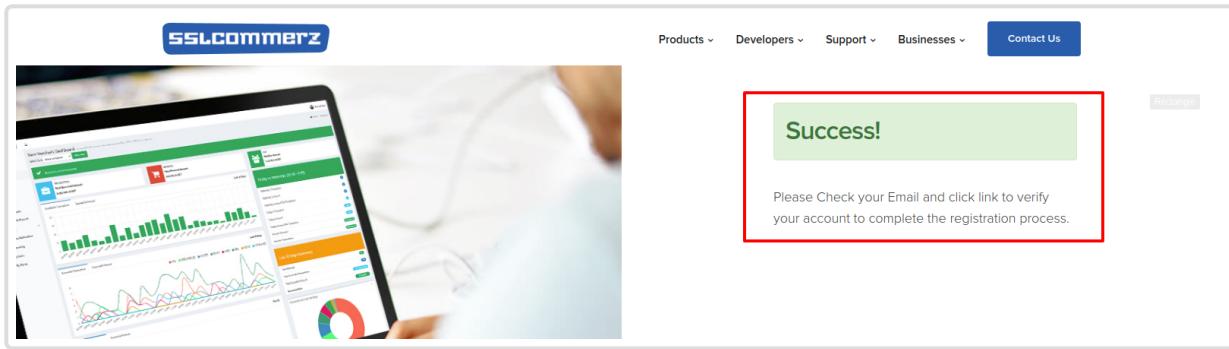
Please provide the following information in English.

Base Tech
Private Limited ▾ Digital Services ▾
www.bose-tech.com
Shadman Rohan
01717898546 bostech2021@gmail.com
.....
 I agree with SSLCOMMERZ'S terms & conditions

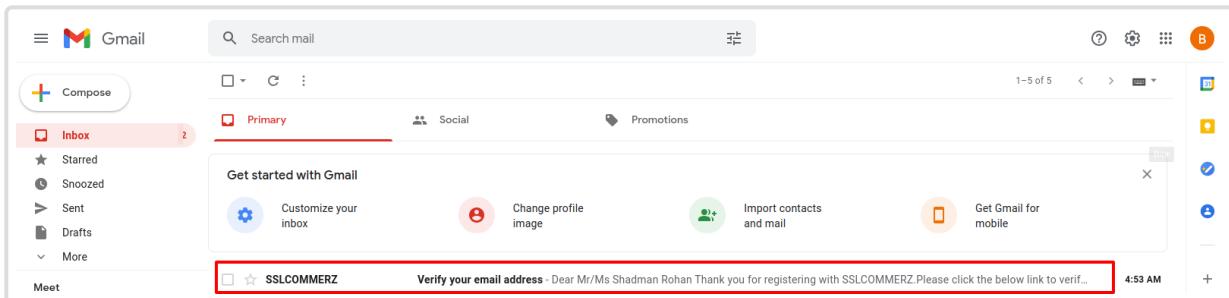
Register

Already Registered? Login Now

- Signup Success will be shown.



- Now login to your given mail address and find the email sent by SSL Commerz.



- Open the email and click on "CONFIRM HERE" inside your mail.

Verify your email address Inbox

 SSLCOMMERZ <noreply@sslcommerz.com>

4:53 AM (1 minute ago) Star Print Forward More

Dear Mr/Ms Shadman Rohan

Thank you for registering with SSLCOMMERZ. Please click the below link to verify and continue the registration process.

Please click to [CONFIRM HERE!](#)

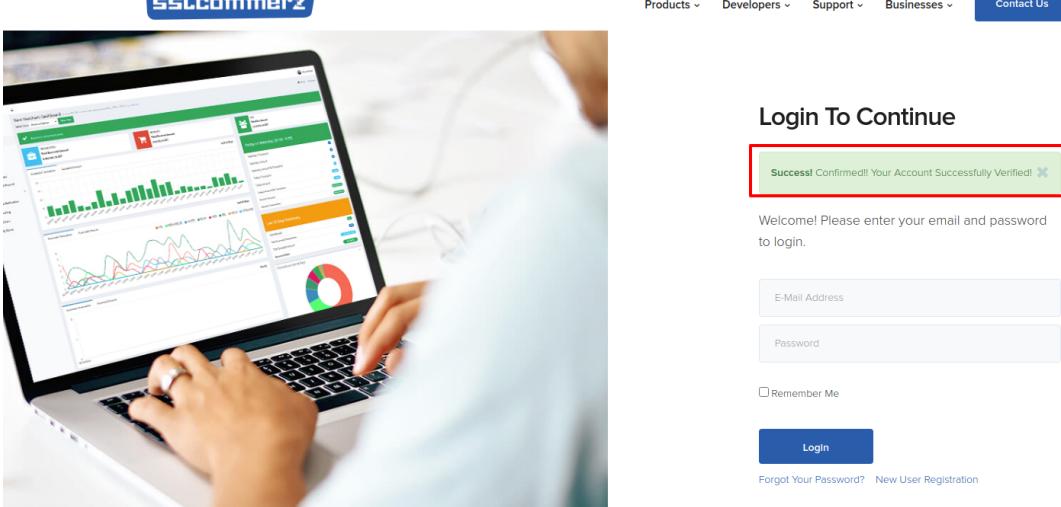
Or copy below link & paste in your browser
<https://signup.sslcommerz.com/register/verify/b8e7419ff3f9a75d799828c6114f1dd5>

Your Information :

Company Name : Bose Tech
Company Type : Partnership
Website Url : <http://www.bose-tech.com>
Segment Type : Digital Services
Contact Person : Shadman Rohan
Phone Number : 017XXXXXXXXX
Email : bosetech2021@gmail.com

Thank You
SSLCommerz Team

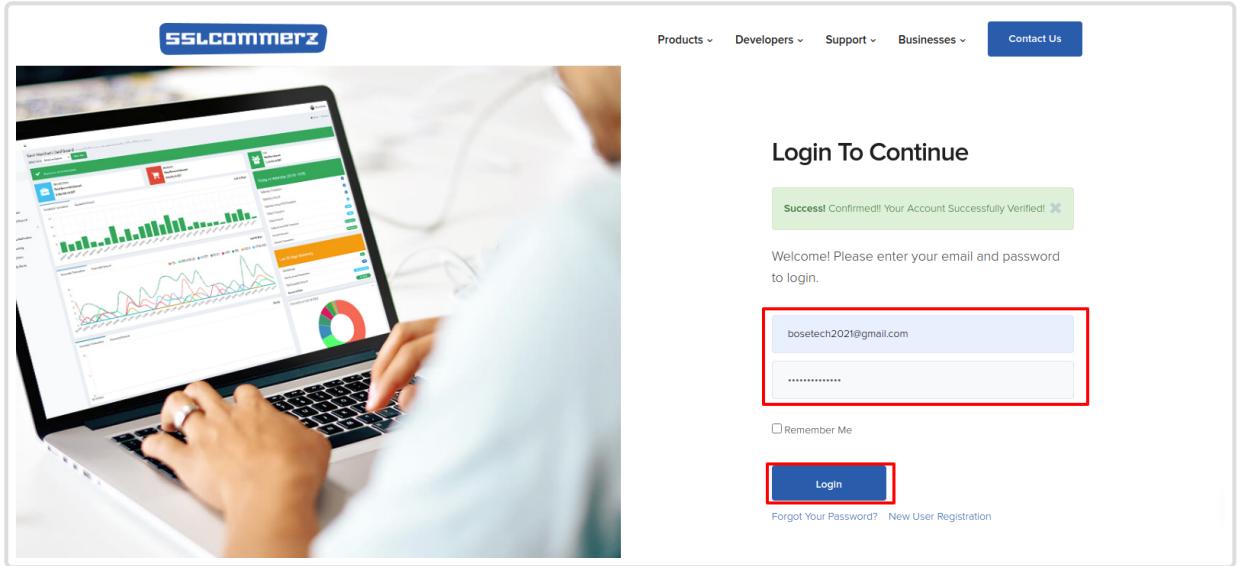
- Verification Success message will be shown.



The screenshot shows the SSLCommerz login page. On the left, there is a large image of a person's hands typing on a laptop keyboard, with the SSLCommerz dashboard visible on the screen. On the right, the login form is displayed with the following elements:

- A header "Login To Continue".
- A green success message box containing the text "Success! Confirmed!! Your Account Successfully Verified! X".
- A welcome message: "Welcome! Please enter your email and password to login."
- An "E-Mail Address" input field.
- An "Password" input field.
- A "Remember Me" checkbox.
- A "Login" button.
- Links for "Forgot Your Password?" and "New User Registration".

- Login to Your Account using your email and password.



- After login, you will land on the "**Merchant Enrollment Form (MEF)**" In Company Profile Tab, update the required fields:
 - Select "**Web API**" for Package Name

- Update "**Address Informations**" and click on "**Save & Next**".

support number 01717898546

Note: Mobile:11 digit ex.01717676xxx Valid Mobile

Office Availability Virtually/shared space

Registered Address 1207

PostCode 1207

Business Starting Year 2021

Company Net Worth(Max.100 Char)

Save & Next

sslcommerz

in

- Update "**Primary Contact Information**" if required:

COMPANY PROFILE PRIMARY CONTACT OWNERSHIP BANKING INFO SETTLEMENT / TRANSACTION KYC Profile WEB SITE INFO TRANSACTION INFO

Primary Contact Information

Contact Person's Name Shadman Rohan

Email Address bostech2021@gmail.com

Mobile Number 01717898546

Note: Mobile:11 digit ex.01717676xxx

Date of Birth 1990/09/21

Signatory Name (Use MEF Signature Section) Shadman Rohan

Signatory Designation (Use MEF Signature Section) Founder

Upload Signatory Signature Along With Seal (Use MEF Signature Section) Choose File download.jpg (format:png,jpeg,gif ; Size:1MB Max)

Previous **Save & Next**

- Update "**Ownership Information**" for required fields and finally click on "**Save & Next**".

Merchant Enrollment Form (MEF)

COMPANY PROFILE PRIMARY CONTACT **OWNERSHIP** BANKING INFO SETTLEMENT / TRANSACTION KYC Profile WEB SITE INFO TRANSACTION INFO

Ownership Information

Ownership Information same as Primary Contact

Full Name	
NID No	
Email Address	bosertech2021@gmail.com
Mobile Number	
Note : Mobile:11 digit ex.0171767xxxx	
Date Of Birth	

[Previous](#) **Save & Next**

- Update "**Banking Information**" for required fields and finally click on "**Save & Next**".

Merchant Enrollment Form (MEF)

COMPANY PROFILE PRIMARY CONTACT OWNERSHIP **BANKING INFO** SETTLEMENT / TRANSACTION KYC Profile WEB SITE INFO TRANSACTION INFO

Merchant's Banking Information

Company A/C Name

Bank Name

Bank Address

Bank A/C No.
Please enter at least 13 characters.

Bank Routing No.
Please enter at least 9 characters.

Note : It is important to fill up every field in bank information with valid account number for auto settlement.

[Previous](#) **Save & Next**

- Update "**Settlement/Transaction**" for required fields and finally click on "**Save & Next**".

Merchant Enrollment Form (MEF)

COMPANY PROFILE PRIMARY CONTACT OWNERSHIP BANKING INFO SETTLEMENT / TRANSACTION KYC Profile WEB SITE INFO TRANSACTION INFO

Merchant's Settlement / Transaction Information

Ownership Information same as Primary Contact

Contact Person's Name	<input type="text"/>
Email Address	<input type="text"/>
Mobile Number	<input type="text"/>

Note: Mobile:11 digit ex.01717676xxx

sslcommerz

- Update "**KYC Profile**" for required fields and finally click on "**Save & Next**".

Merchant Enrollment Form (MEF)

COMPANY PROFILE PRIMARY CONTACT OWNERSHIP BANKING INFO SETTLEMENT / TRANSACTION **KYC Profile** WEB SITE INFO TRANSACTION INFO

KYC Profile

Merchant Category	<input type="text" value="Digital Service"/>
Sector	<input type="text" value="ITES"/>
Product/Services to be sold	<input type="text" value="Apps, Website, Design & Development, IT Support & Solution"/>

I/We, the undersigned, do hereby solemnly affirm, declare and undertake that the mentioned product/services to be sold through website/app/other mediums.

sslcommerz

- Update "**Web/App Info**" for required fields and finally click on "**Save & Next**".

Merchant Enrollment Form (MEF)

COMPANY PROFILE PRIMARY CONTACT OWNERSHIP BANKING INFO SETTLEMENT / TRANSACTION KYC Profile **WEB SITE INFO** TRANSACTION INFO

Web/Apps Info

Website URL, that will be used:	<input type="text" value="http://www.bose-tech.com"/>
---------------------------------	---

Note: URL:With http:// ex.http://abc.com

E-mail Address	<input type="text" value="bositech2021@gmail.com"/>
----------------	---

Android Package ID:	<input type="text" value="Android Package ID..."/>
---------------------	--

Note:id:com.facebook.katana [play.google.com/store/apps/details?id=com.facebook.katana]

iOS App ID:	<input type="text" value="iOS App ID..."/>
-------------	--

Note:App_ID:id284882215 [itunes.apple.com/us/app/facebook/id284882215?mt=8]

sslcommerz

- Update "Transaction Info" for required fields and finally click on "Save & Next".

The screenshot shows the 'TRANSACTION INFO' tab selected in the top navigation bar. The 'Transactions Profile' section contains several input fields and dropdowns:

- Projected Number Of Transactions Per Month:** Input field containing '1000'.
- Projected Volume Of Transactions Per Month:** Input field containing '1000'.
- Maximum Amount In A Single Transaction:** Input field containing '50000'.
- Maximum Number Of Transactions Per Day:** Input field containing '50'.
- Maximum Volume Of Transactions Per Day:** Input field containing '50'.
- Tentative Duration of Product Delivery in day:** Input field containing '3'.
- Stock & Delivery Process:** Dropdown menu showing 'Third-party Outsourced, Mostly International'.
- Payment Settlement:** Radio button group where 'Wednesday' is selected.

Below these fields are two notes in small blue text:

- Note:** TDR Charges For Visa/Master and Mobile/Internet Banking : 2.5% ; Amex/Q-Cash : 3.5%.
- Note:** Minimum withdraw Settlement amount is BDT 2500.00.

At the bottom of the section are two groups of checkboxes:

- I We the undersigned request you to open a merchant account as detailed above and at any time subsequently to open such further accounts of whatever nature as I/we may direct. I/We confirms that all of the above details are correct.
- I agree to SSLCommerz's terms & conditions.
- I/We, the undersigned, do hereby solemnly affirm, declare and undertake that the mentioned products/services to be sold through website/apps/other mediums.

At the very bottom are two buttons: 'Previous' and 'Submit'.

- A Pop-up will be shown. Now you have to upload the following:
 1. Upload Website Logo
 2. Valid photograph of authorized personnel lawfully representing the Merchant
 3. Copy of Certificate of Incorporation
 4. Articles of Association stating the owners name(s) in case of limited company
 5. Copy of Trade License
 6. Copy of TIN & VAT Certificates
 7. Copy of National ID/Passport of the Authorized Personnel (Paste the Images in a DOC File)
 8. Upload Signatory Signature Along With Seal(Use MEF Signature Section)

The screenshot shows a modal dialog box overlaid on a merchant enrollment form. The modal contains the following sections:

- 1. Upload Website Logo**: File Not Found! (Gif,180*75px,1MB Max)
- 2. Valid photograph of authorized personnel lawfully representing the merchant**: File Not Found!
- 3. Copy of Certificate of Incorporation & Articles of Association stating the company name(s) in case of limited company**: File Not Found!
- 4. Copy of Trade License**: File Not Found!
- 5. Copy of TIN & VAT Certificates**: File Not Found!
- 6. Copy of National ID/Passport of the Authorized Personnel (Paste the image in a DOC File)**: File Not Found!
- 7. Upload Signatory Signature Along With Seal/Use MEF Signature**: Choose File (format:png,jpg,gif,pdf,doc,docx,Max Size: 1MB Max)

At the bottom right of the modal are "Close" and "Update" buttons.

- After uploading all required documents, you will land into the Full Details Page. Under "**Merchange Information**", you will see the Merchant Email and Merchant Application Status.

For registration in Sandbox, click the link

Go to Sandbox Url: <https://developer.sslcommerz.com/registration/>.

For creating a Sandbox store, please look at the end of this page: **Steps to create a SSL Commerz Sandbox Account.**

This Odoo Module supports:

SSL Commerz Hosted Payment Integration

Here, you will redirect the customer to SSLCOMMERZ Hosted page to display the payment channels

Configuration for App:

There are two configurations:

1. Configuration for SSLCOMMERZ Panel
2. Configuration for Odoo

1. Configuration for SSLCOMMERZ Panel

After creation of Store, you will get a mail. Follow the steps below:

1. Go to mail .Note down your store id and store password. These will required later in Odoo Configuration.
2. Click on "Merchant Panel URL".
3. Give Login ID, Password and Capture. Login ID and Password are given in the mail forwarded to you by SSL Commerz.
4. Your profile will be created.
5. Click on "My Stores". Your new created store will be shown.
6. Click on "IPN Settings" in Store Table under Action Tab.

Dashboard Developer My Stores My Users Transactions

View Store

View Gateways

Store ID

Store Name

Base URL

Status

Rectangle

#	Store ID	Store Name	Base URL	Status	View	Action
1	hfmu60d66f032dc9c	testhfmfur4l3	https://odoo-36103-0.cloudclusters.net/	Active	Details	IPN Settings

[1 of 1] [Results 1]

2011-2021 © SSLCommerz - All rights reserved. It is powered by SSL Wireless.

7. Click on "IPN Settings" in Store Table under Action Tab.

Dashboard Developer My Stores My Users Transactions

IPN Settings

Back

IPN at HTTP Listener

 Enable HTTP Listener

HTTP POST Parameters will be thrown to the IPN_HTTP_URL as amount=1150.00&bank_tran_id=151114130739MqCBNx5&card_brand=VISA&card_issuer=BRAC+BANK%2C+LTD.&card_issuer_country=Bangladesh&card_issuer_country_code=BD4&card_no=432149XXXX0667&card_type=VISA-Brac+bankscy=BDT&status=VALID&store_amount=1104.00&store_id=hfmu60d66f032dc9c&tran_date=2015-11-14+13%3A07%3A12&tran_id=5646dd9d4b484&val_id=151114130742B94IBUk4uE5GRJ&verify_sign=5c97cb4f94ab42d0cc055db13acf114&verify_key=amount%2Cbank_tran_id%2Ccard_brand%2Ccard_issuer%2Ccard_issuer_country%2Ccard_issuer_country_code%2Ccard_no%2Ccard_type%2Ccurreny%2Cstatus%2Cstore_amount%2Cstore_id%2Ctran_date%2Ctran_id%2Cval_id

Requirement of your HTTP IPN Listener

- The Listener must use the common port like 80 or 443
- Your IPN Listener must be reachable from Internet
- White-list the SSLCommerz IPs at your network firewall
 - Sandbox Access Requirement
 - TCP 80 or 443 needs to be opened at your system from 103.26.139.87
 - Your system needs to be able to reach TCP 443 of 103.26.139.87
 - Live Access Requirement
 - TCP 80 or 443 needs to be opened at your system from 103.26.139.81
 - Your system needs to be able to reach TCP 443 of 103.26.139.148

2011-2021 © SSLCommerz - All rights reserved. It is powered by SSL Wireless.

8. Activate "Enable HTTP Listener". Add Your URL:

"https://YOUR_SERVER_URL/payment/sslcommerz/ipn/" Click Save.

[Dashboard](#) [Developer](#) [My Stores](#) [My Users](#) [Transactions](#)

IPN Settings

[Back](#)

Information updated successfully.

IPN at HTTP Listener

 Enable HTTP Listener

<https://odoo-36103-0.cloudclusters.net/payment/sslcommerz/ipn/>

Updated successfully!

HTTP POST Parameters will be throw to the IPN. HTTP. URL as amount=1150.00&bank_tran_id=151114130739MqCBNx5&card_brand=VISA&card_issuer=BRAC+BANK%2C+LTD.&card_issuer_country=Bangladesh&card_issuer_country_code=BD&card_no=432149XXXXX0667&card_type=VISA-Brac+Bank&ccy=BDT&status=VALID&store_amount=1104.00&store_id=hfmf6d6f032dc9c&tran_date=2015-11-14+13%3A07%3A12&tran_id=5646d9d4b484&val_id=151114130742B94IBUk4E56Rj&verify_sign=5c97cb4f94ab42d0c055db13acf114&verify_key=amount%2Cbank_tran_id%2Ccard_brand%2Ccard_issuer%2Ccard_issuer_country%2Ccard_issuer_country_code%2Ccard_type%2Ccurreny%2Cstatus%2Cstore_amount%2Cstore_id%2Ctran_date%2Ctran_id%2Cval_id

[Save](#)

Requirement of your HTTP IPN Listener

- The Listener must use the common port like 80 or 443
- Your IPN Listener must be reachable from Internet
- White-list the SSLCommerz IPs at your network firewall
 - Sandbox Access Requirement**
 - TCP 80 or 443 needs to be opened at your system from 103.26.139.87
 - Your system needs to be able to reach TCP 443 of 103.26.139.87
 - Live Access Requirement**
 - TCP 80 or 443 needs to be opened at your system from 103.26.139.81
 - Your system needs to be able to reach TCP 443 of 103.26.139.148

2011-2021 © SSLCommerz - All rights reserved. It is powered by SSL Wireless.

2. Configuration for Odoo

1. Go to Invoicing --> Configuration --> Payment Acquirers

The screenshot shows the Odoo Invoicing configuration interface. The top navigation bar includes links for Invoicing, Customers, Vendors, Reporting, and Configuration. The Configuration tab is selected. On the left, there's a sidebar with links for Settings, Invoicing, Payment Terms, Incoterms, Banks, Accounting, Taxes, Journals, Fiscal Positions, Journal Groups, Payments, and a link to 'Payment Acquirers' which is highlighted with a red box. The main content area displays several payment acquirer modules:

- A Direct Debit**: SEPA Direct Debit is a Europe-wide Direct Debit system that allows merchants to accept euro-denominated payments from accounts in the 34 SEPA countries and associated territories.
- Odoo Payments by Adyen**: A payment gateway to accept online payments via credit cards, debit cards and bank transfers. Features listed: Online Payment, Subscriptions, Save Cards, and Payment Status Tracking.
- Authorize.net**: A payment gateway to accept online payments via credit cards and e-checks. Features listed: Online Payment, Payment Status Tracking, Subscriptions, Save Cards, Manual Capture, and Embedded Credit Card Form.

2. Click on "SSL Commerz Redirect"

The screenshot shows the Odoo Invoicing module's 'Payment Acquirers' list. It displays various payment gateway options with their descriptions and status. The 'SSL Commerz Redirect' provider is highlighted with a red box. Key details for this provider include:

- Provider:** SSL-Commerz
- State:** Enabled (radio button selected)
- Website:** My Website
- Credentials:**
 - Store ID:** hfmlu60d6f032dc9c
 - Store Password:** hfmlu60d6f032dc9c@ssl

3.
 - Change State "Enabled" for use in Production or "Test Mode" for use in Sandbox
 - Select your Website
 - Add your Store ID
 - Add your Store Password

The screenshot shows the configuration screen for the SSL Commerz Redirect provider. The fields highlighted with red boxes are:

- Provider:** SSL-Commerz
- State:** Enabled (radio button selected)
- Website:** My Website
- Credentials:**
 - Store ID:** hfmlu60d6f032dc9c
 - Store Password:** hfmlu60d6f032dc9c@ssl

4. Go to "Configuration" Tab
 - Select Payment Method for example "Bank"
 - Add allowed countries if necessary for you

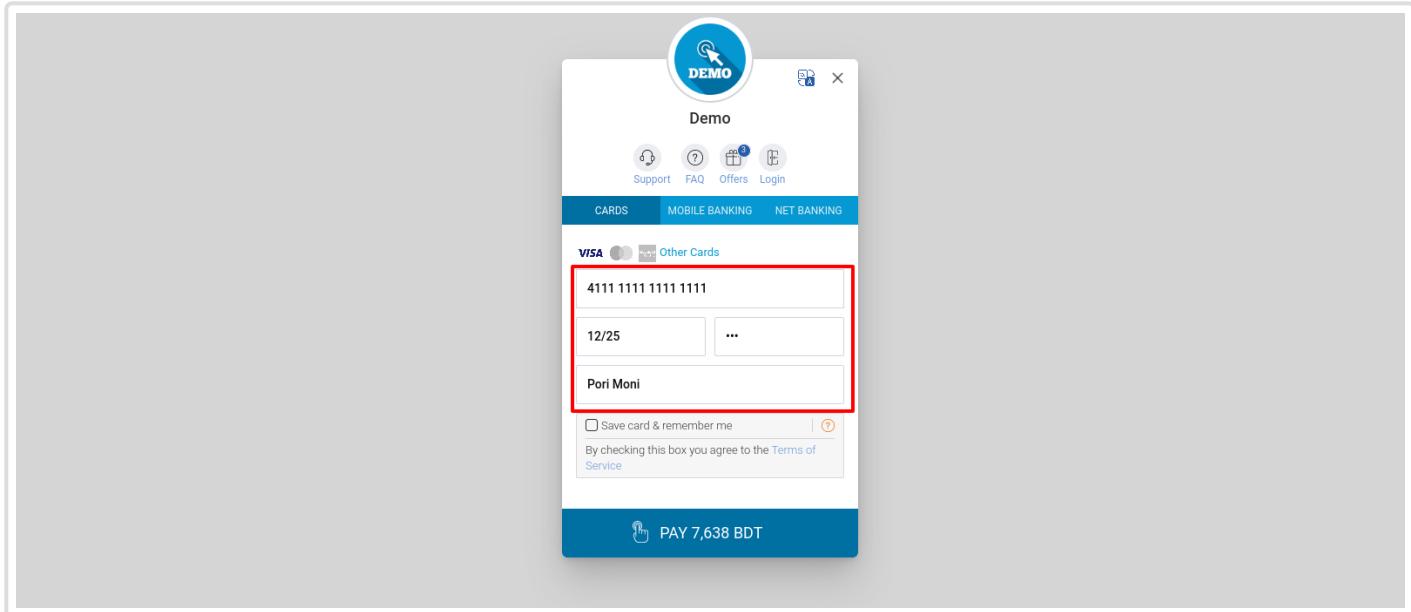
5. Save the Record.

Card Payment using SSL Commerz Redirect

Select SSL Commerz in Website and click on "Pay Now"

Product	Quantity	Price
Customizable Desk (CONFIG) (Steel, White)	6.0	750.00 b
Pedal Bin	4.0	47.00 b
Acoustic Bloc Screens	1.0	2,950.00 b
Subtotal:		7,638.00 b
Taxes:		0.00 b
Total:		7,638.00 b

Add card details and click on "PAY" button at the bottom.



A OTP will be sent to your mobile number. Insert the OTP and then click "Confirm"

Payment successful message along with Transaction details will be shown.

YOUR WEBSITE Home Shop Contact us 0 Sign in Contact Us

Order S00041

Thank you for your order. [Print](#)

Payment Information:

SSL Commerz Redirect Total: 7,638.00 b

Your payment has been successfully processed. Thank you!

Payment Transaction Details

Payment Mode	Card Number	Card Brand	Reference	Amount	Tx ID	Status
Card	421481XXXXXX4177	VISA		৳ 7638.00	6de09d29-150e-4e63-8700-10f140aad97c	Paid

Billing & Shipping: 67, Road#10, Gulshan, Dhaka 1219, Bangladesh

Backend View of Transaction

Reference	S00041-1	Acquirer	SSL Commerz Redirect
Payment Amount	7,638.00 BDT	Payment Token	
Fees	0.00 BDT	Acquirer Reference	21071665844503eDwu34SPe0y3
Customer	Moni Frames Ltd, Pori Moni 67, Road#10 Gulshan Dhaka 1219 Bangladesh	Validation Date	07/16/2021 06:58:51

Message

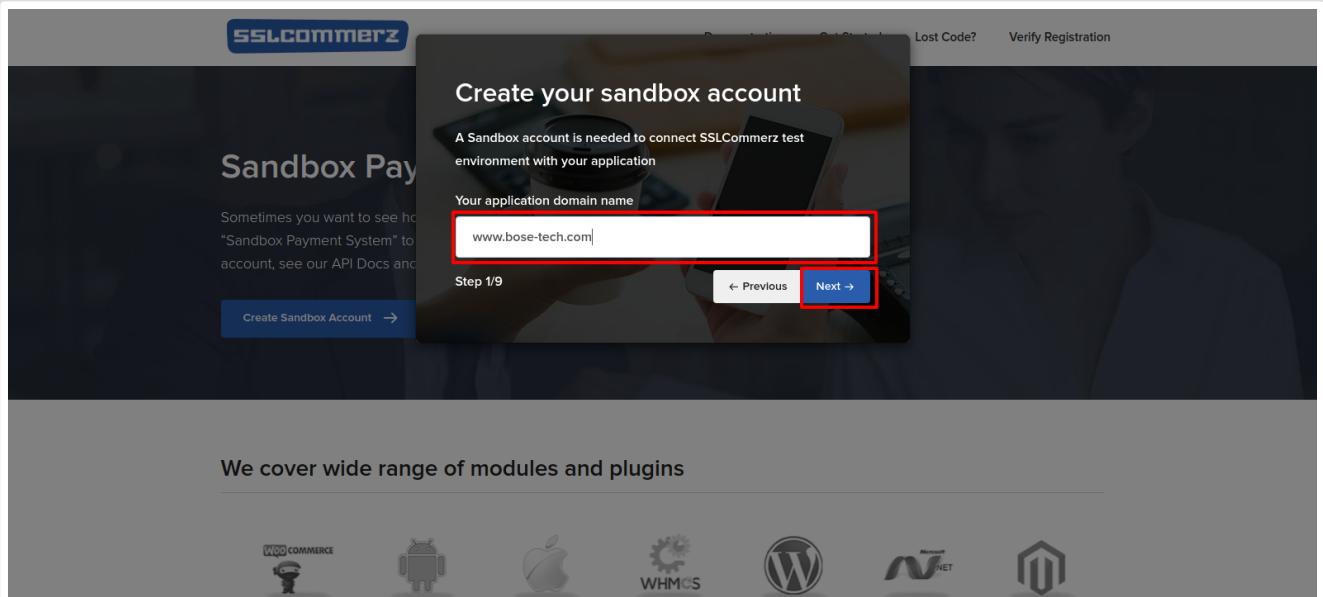
SSL Commerz TX Details	
Transaction type	Card No
Card Brand	VISA
Amt	7638.00
Store Amt	7447.05
Currency	BDT

Transaction Id	6de09d29-150e-4e63-8700-10f140aad97c
Validation Id	21071665844503eDwu34SPe0y3
Bank Tran Id	210716658421ObIraglqJNc2
Status	VALID
Payment Reference	
Risk Level	0
Risk Title	Safe

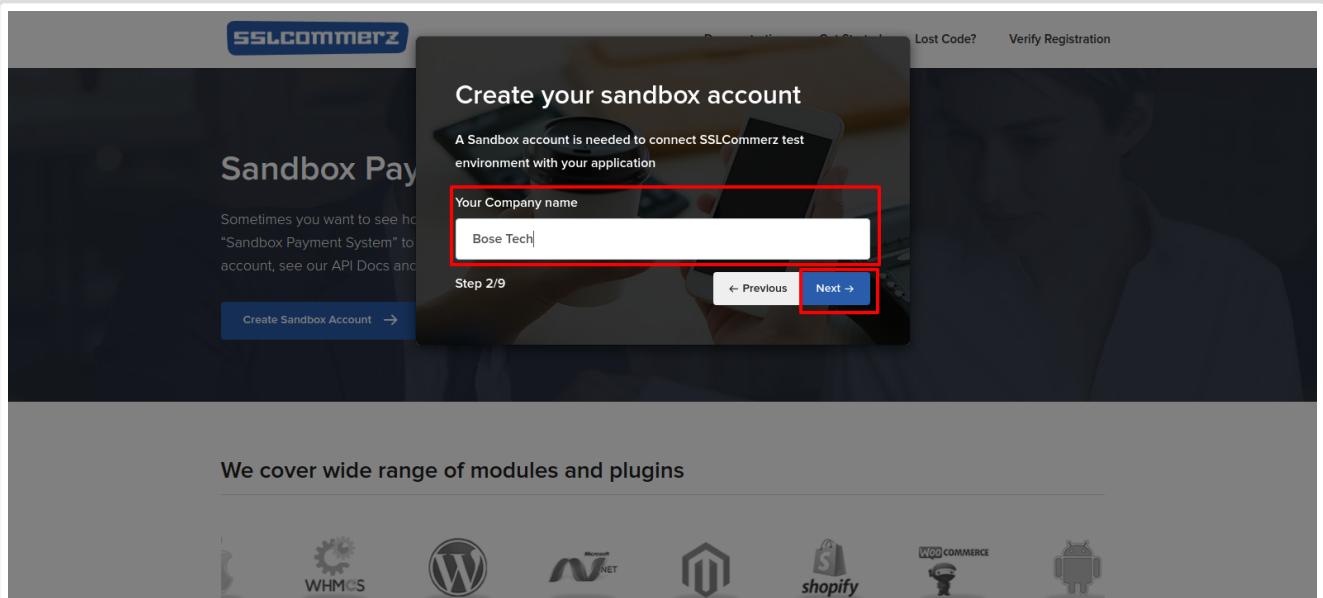
Steps to create a SSL Commerz Sandbox Account.

- For registration in Sandbox, click the link <https://developer.sslcommerz.com/registration/>.
- Click on "Create Sandbox Account"

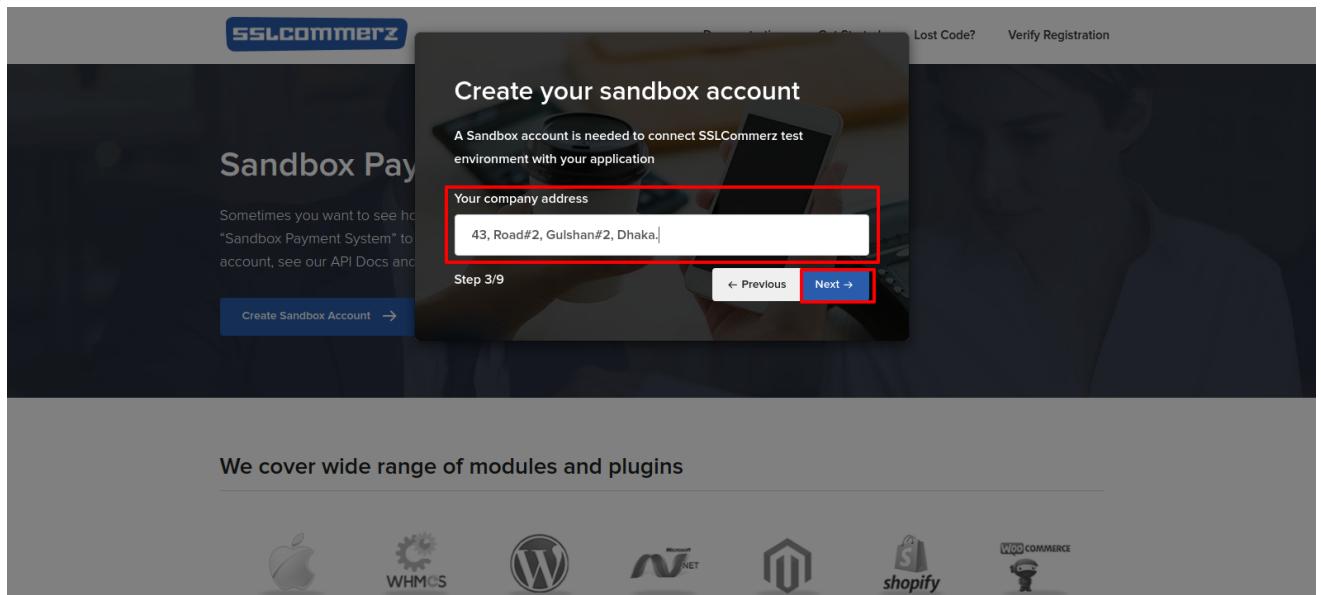
- A Pop-up will be shown. Enter your domain in the field and click on "Next".



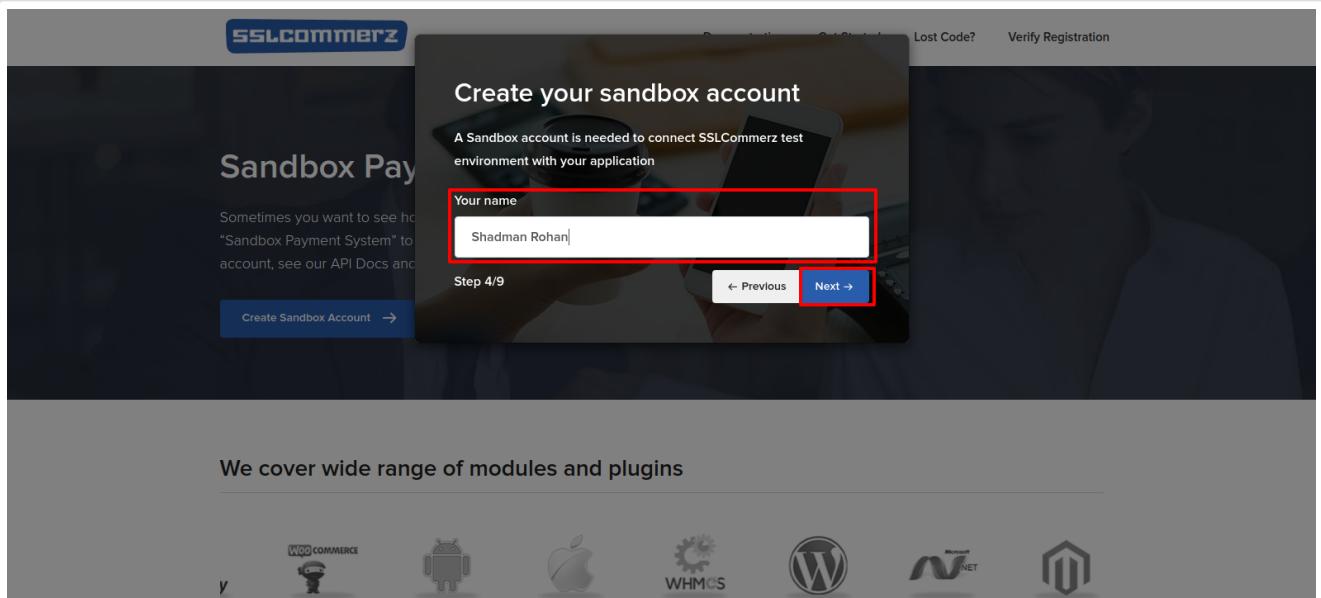
- Enter your Company Name in the field and click on "Next".



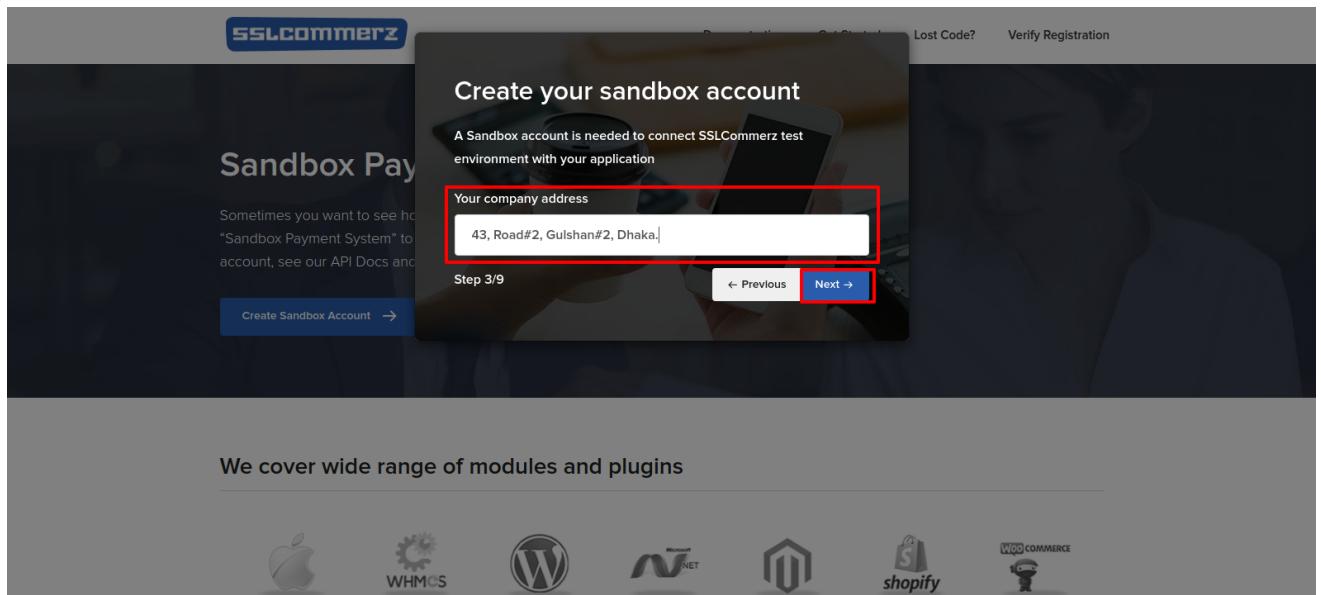
- Enter your Company Address in the field and click on "Next".



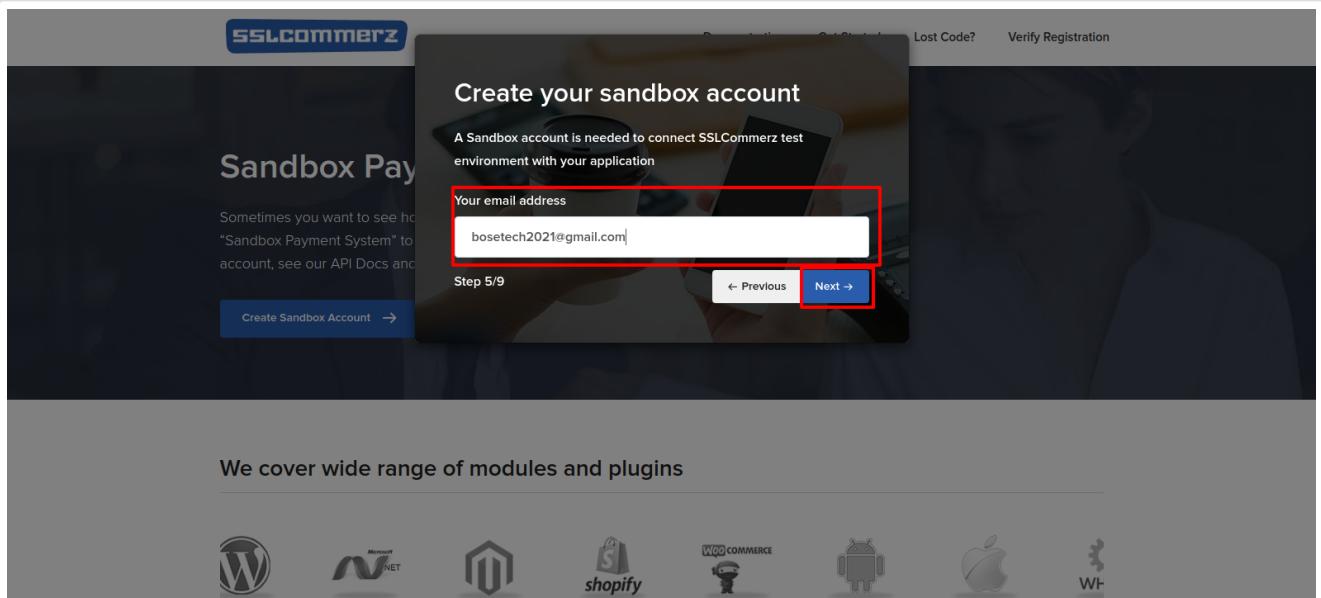
- Enter your Name in the field and click on "Next".



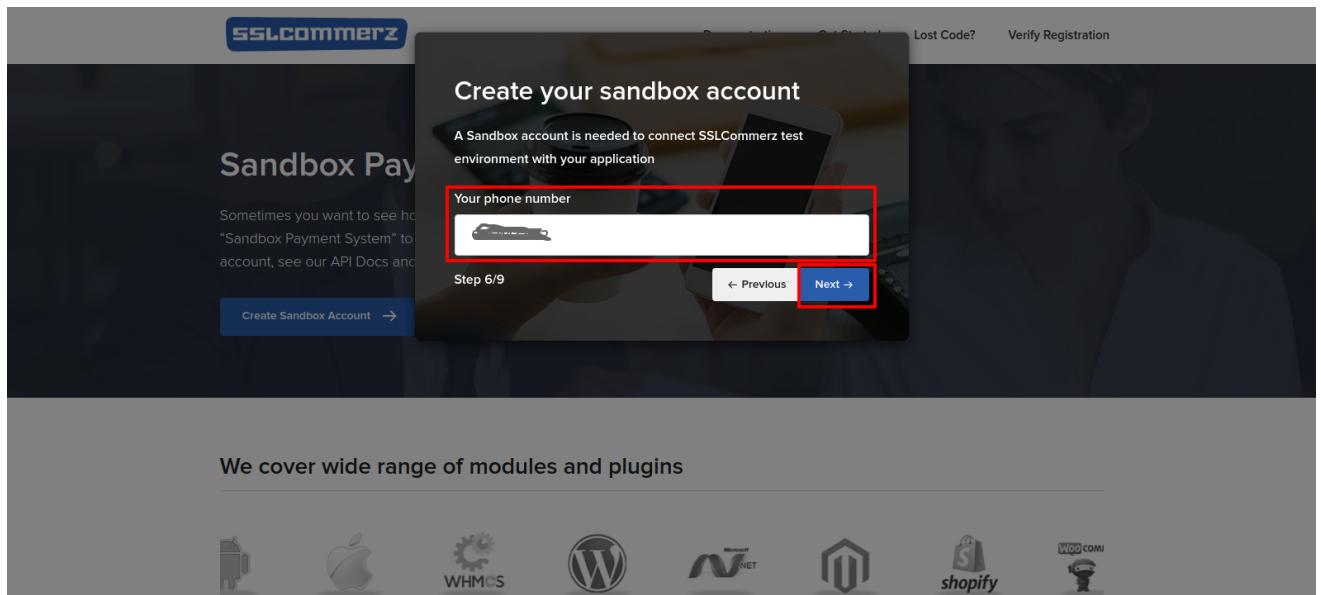
- Enter your company address in the field and click on "Next".



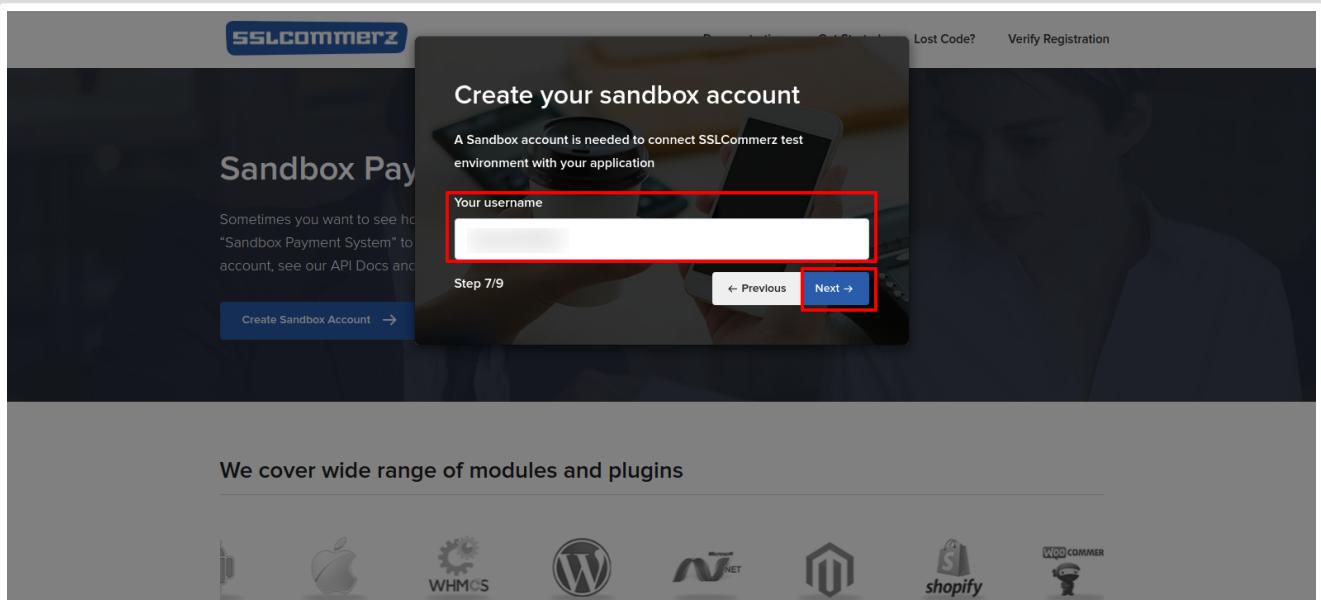
- Enter your email address in the field and click on "Next".



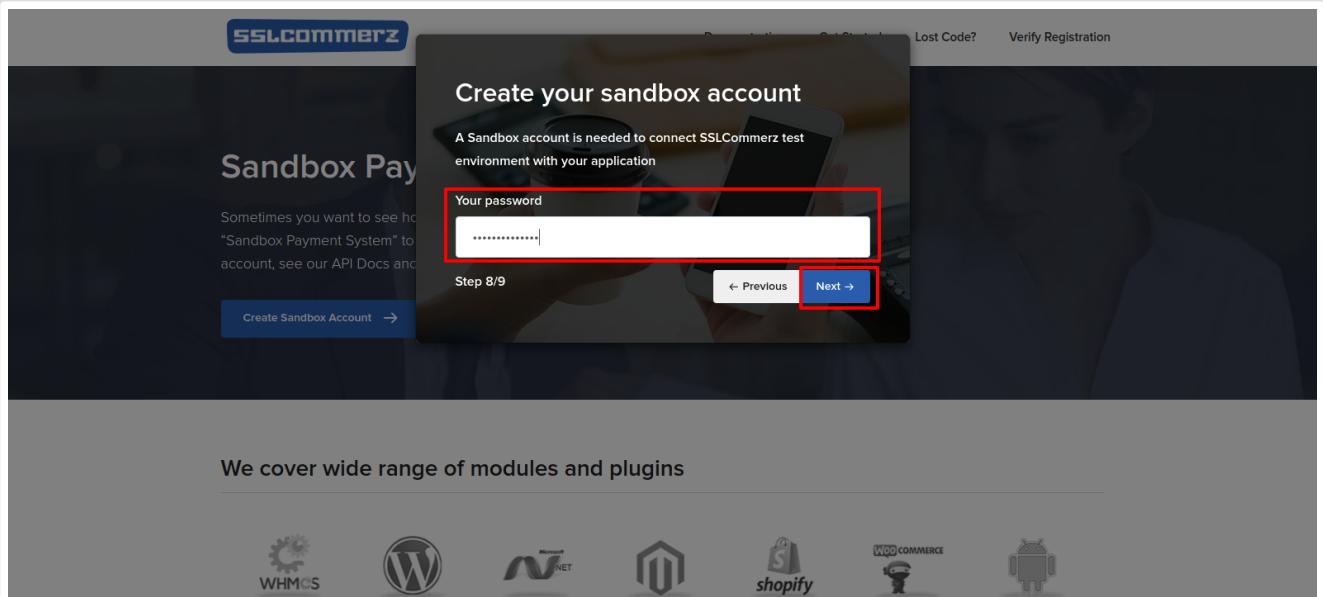
- Enter your phone number in the field and click on "Next".



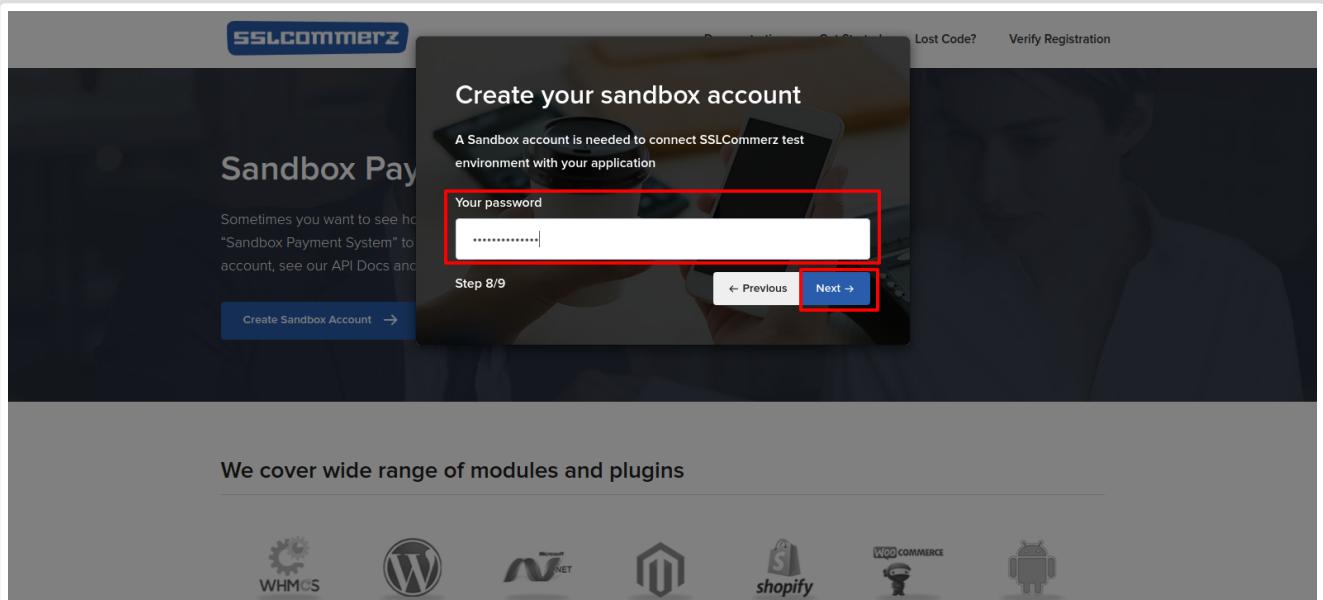
- Enter your username in the field and click on "Next".



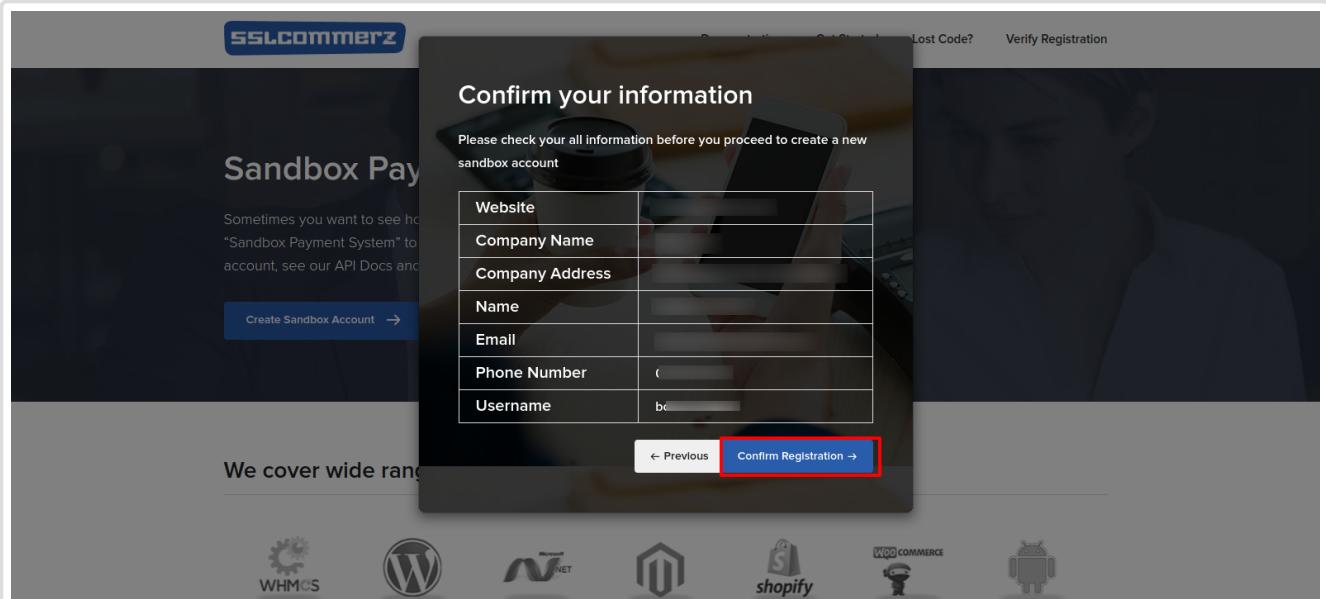
- Enter your password in the field and click on "Next".



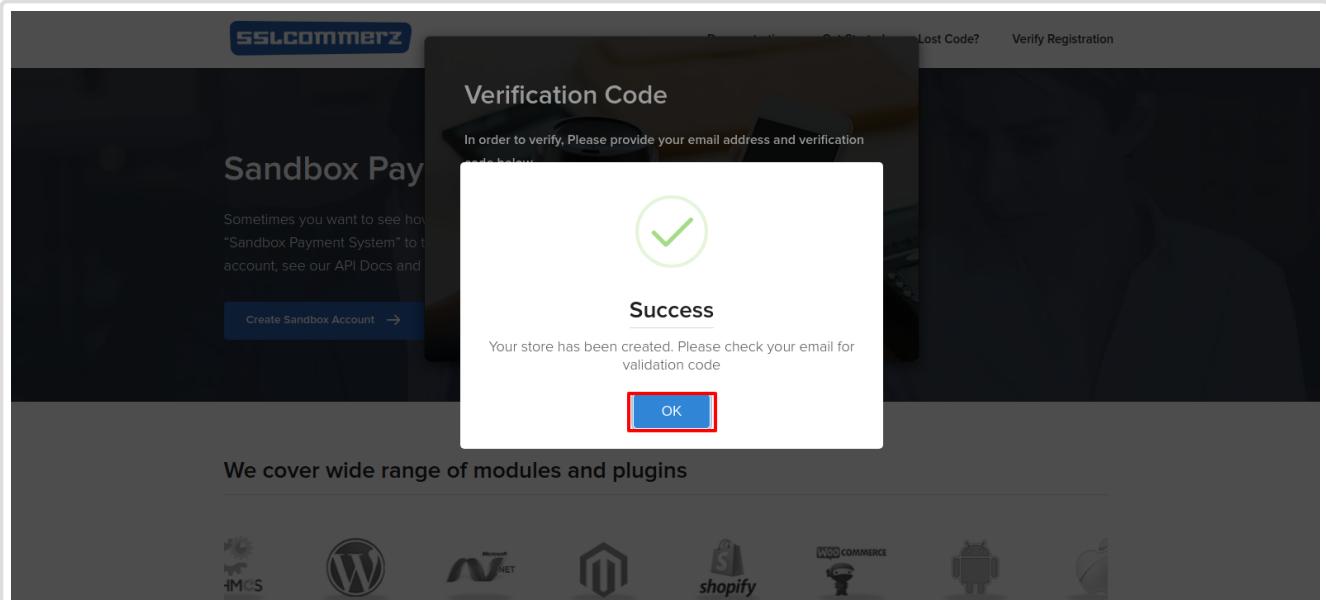
- Confirm your password in the field and click on "Sign Up".



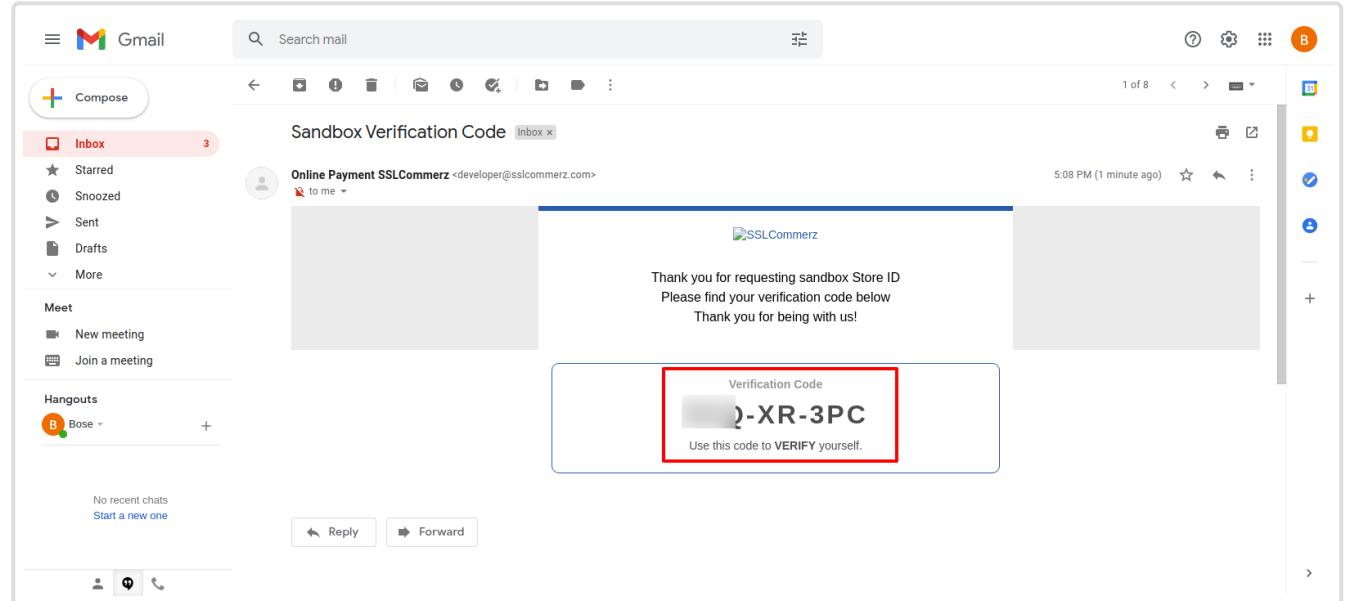
- Confirm registration Button.



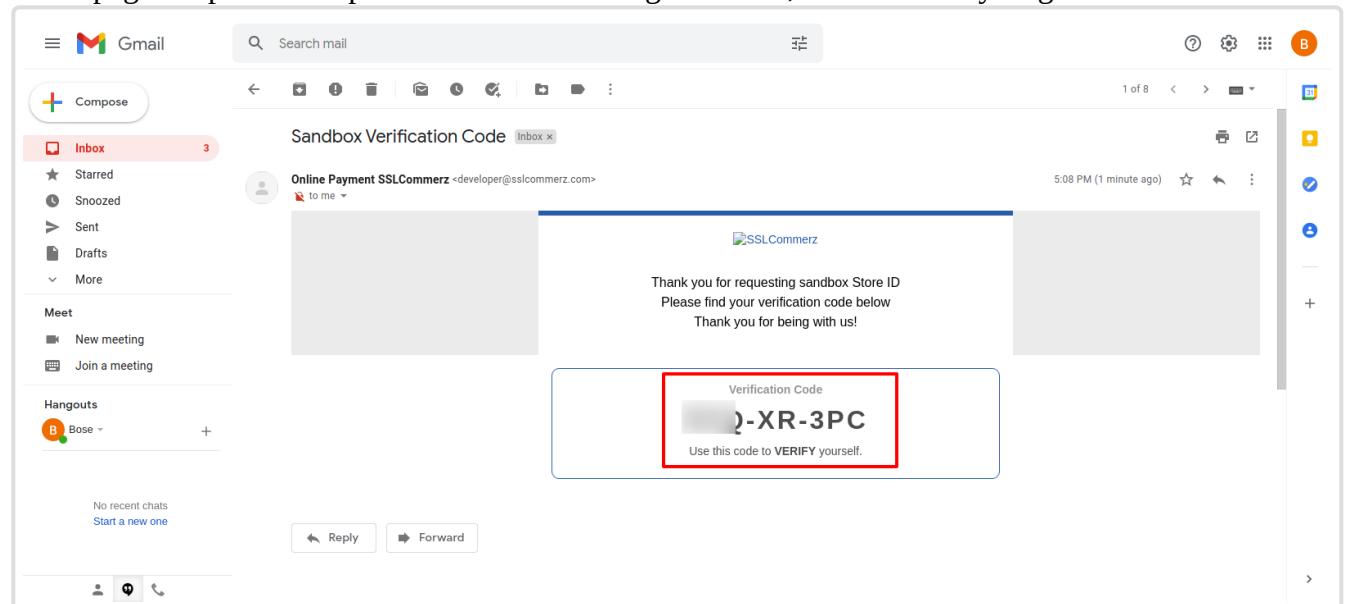
- Store Creation Confirmation will be shown. Press on "OK".



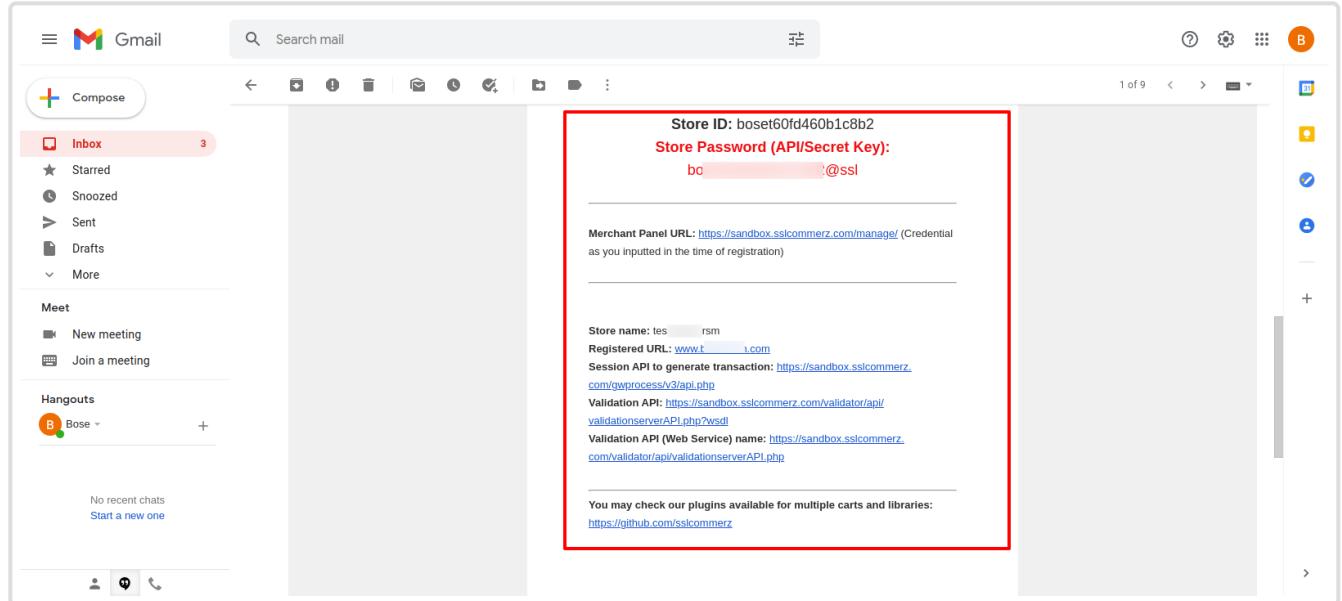
- Now login to your mail and check the mail from SSL Commerz. Sandbox Verification Code will be sent. Copy the Verification Code.



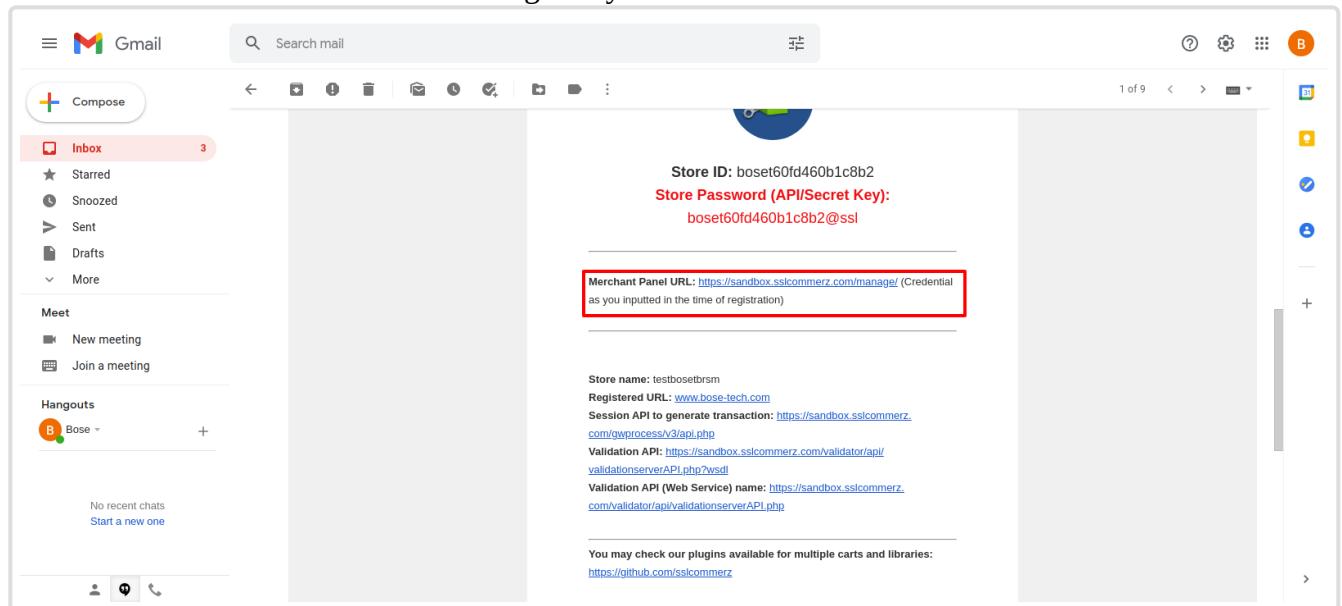
- In the page "<https://developer.sslcommerz.com/registration/>", click on Verify Registration.



- Now check your mail again. Your all store credentials will be given. You can now login using the store credentials. Click on the Merchant Panel URL for login to your store.



- Click on the Merchant Panel URL for login to your store.



- Enter your login id and password. Also put the Capture number. Click on "Login"

SSLCommerz
Testbox Environment

Login ID:

Password:

Capture: **1d7ec**

Input above text in the box:

Login

2011-2021 © SSLCommerz - All rights reserved. It is powered by SSL Wireless.

- You will land into your merchant Dashboard.

SSLCOMMERZ Testbox Panel
Logged by **Shadman Rohan @ Bose Tech** | Change Password | Log Out

Dashboard

Welcome to the SSLCOMMERZ portal

Account Information		Store Information	
User Login Id	bos	Number of Stores	1
User Name	t		
Account Type	merchant		
Email	t		
Account Role	Merchant Admin		

Company Information		
Email		
Mobile	C	
Address	4	

2011-2021 © SSLCommerz - All rights reserved. It is powered by SSL Wireless.