## Muzika Studio

Muzika Studio allows artists to manage their wallets and create Smart Contract for their digital music products, including music sheets and sound sources. The application also provides an intuitive user interface to encrypt and upload the digital products on IPFS – a decentralized file storage system – which will be made available for downloads and streaming when users make purchase in the Muzika Platform.

Muzika Studio now supports Ethereum and Ontology network, and users can choose to login to either Testnet or Mainnet.
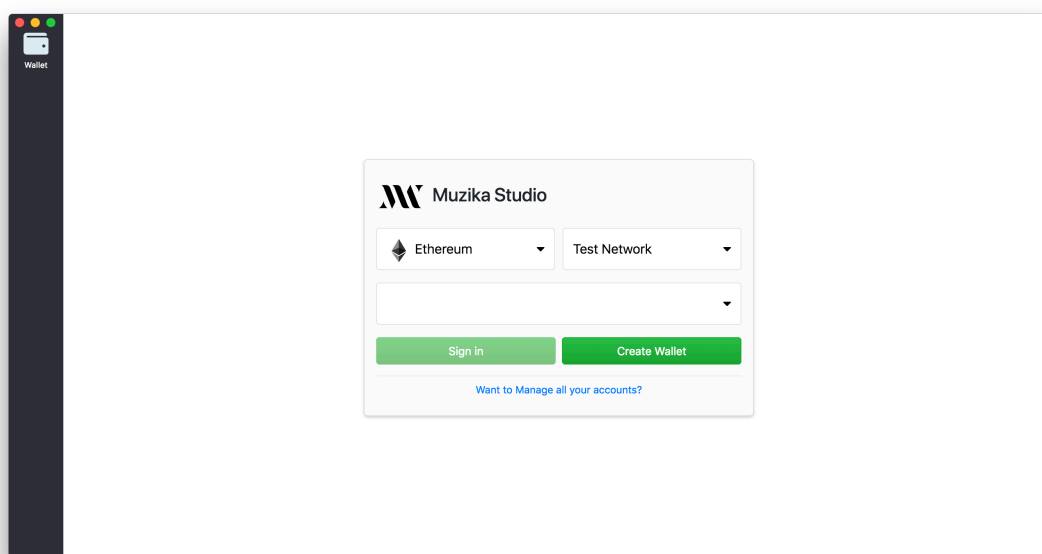

Login Interface

Users can login to the network (Ethereum or Ontology) and create or import a new wallet. When a user makes login, he/she will be asked to sign a temporary message, which will be sent to the server for user verification. We do not save private keys of users in the server.
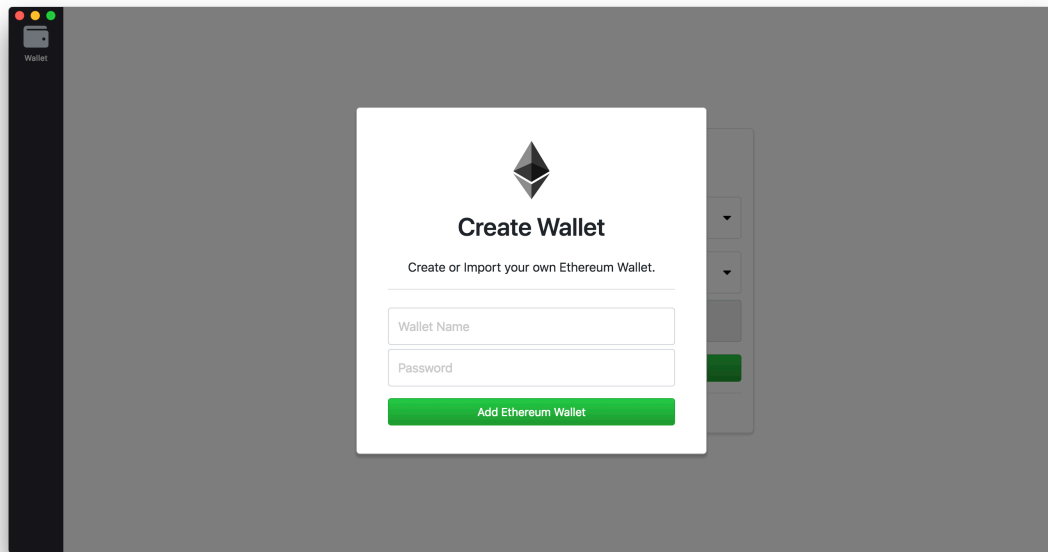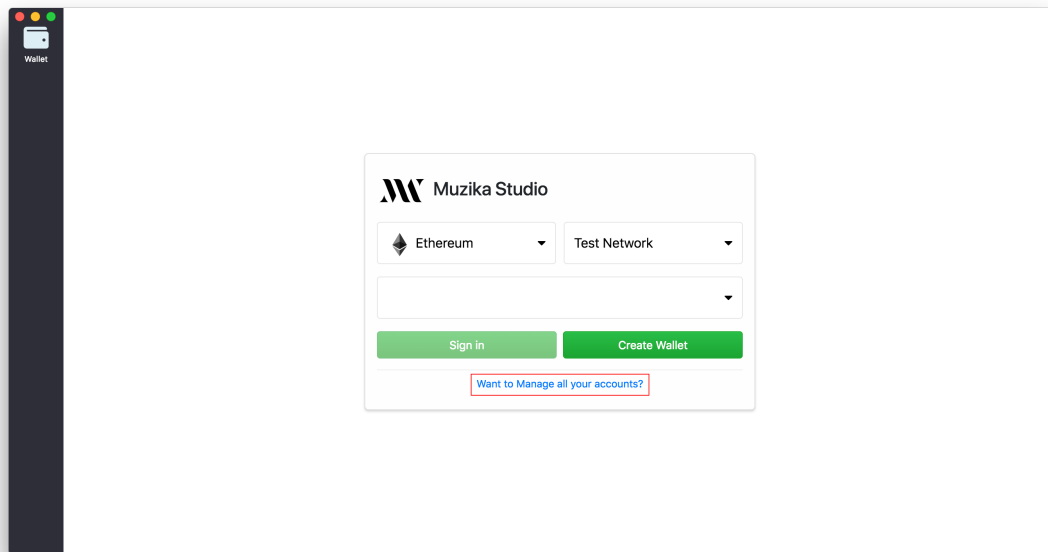
Create Accounts

You can create or import a new wallet. You will be asked provide a set of wallet name and password for your account. Password is required because your private key will be encrypted
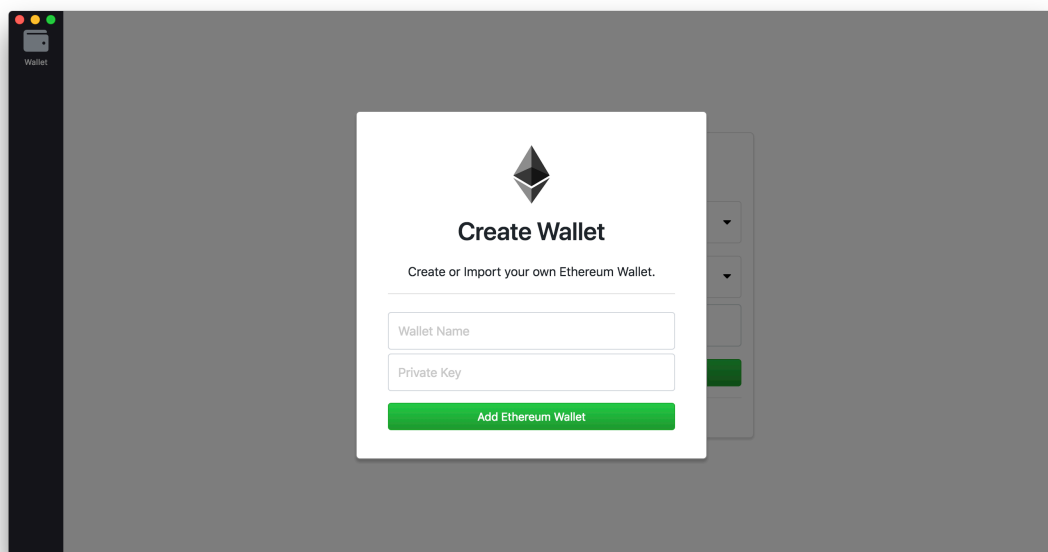

Import

You can choose to import your existing wallet to the Muzika Studio, by creating a wallet name and providing the key file.

View your wallet list

Click on the 'Want to manage all your accounts?' button to view information on all your wallets available for login. This is similar to the list of e-mail addresses in the Gmail login interface. We also support quick transfer of ETH, ONT, ONG, and MZK from your registered wallets to other addresses. When you click on the send button on the bottom right corner, you will be asked to provide your wallet password.
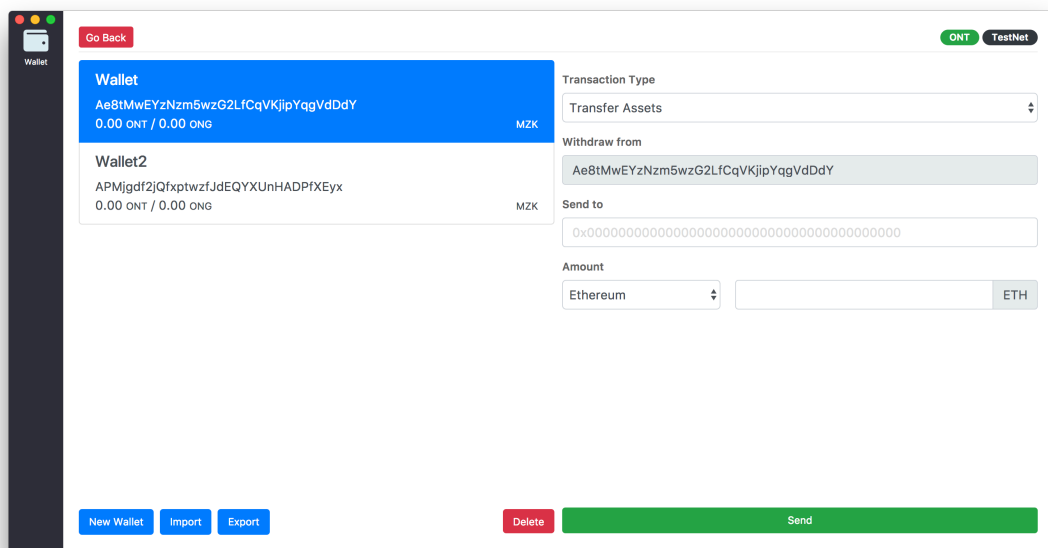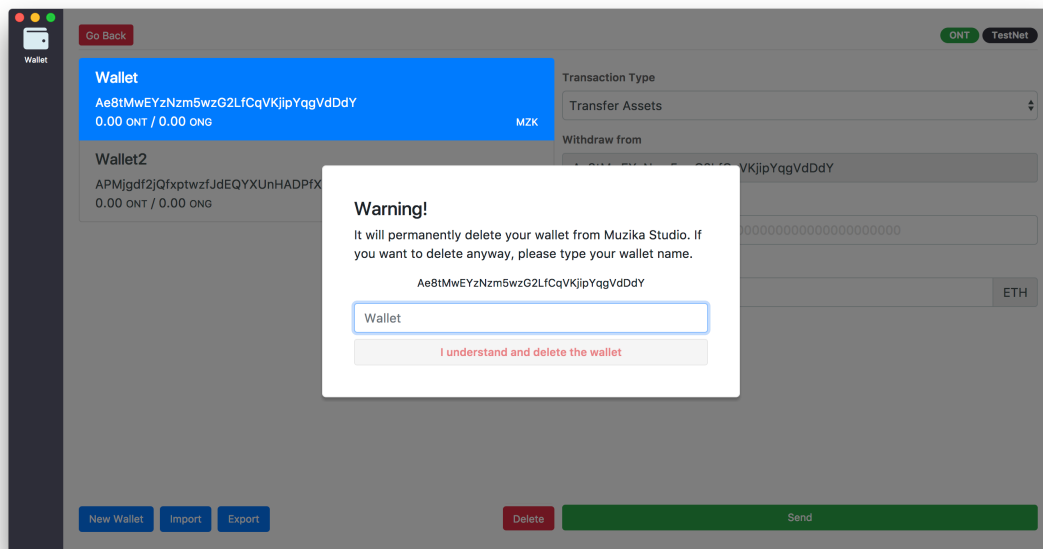
You can also delete your wallet. A warning sign will appear to when you click the 'delete' button.

When you click on the login button,
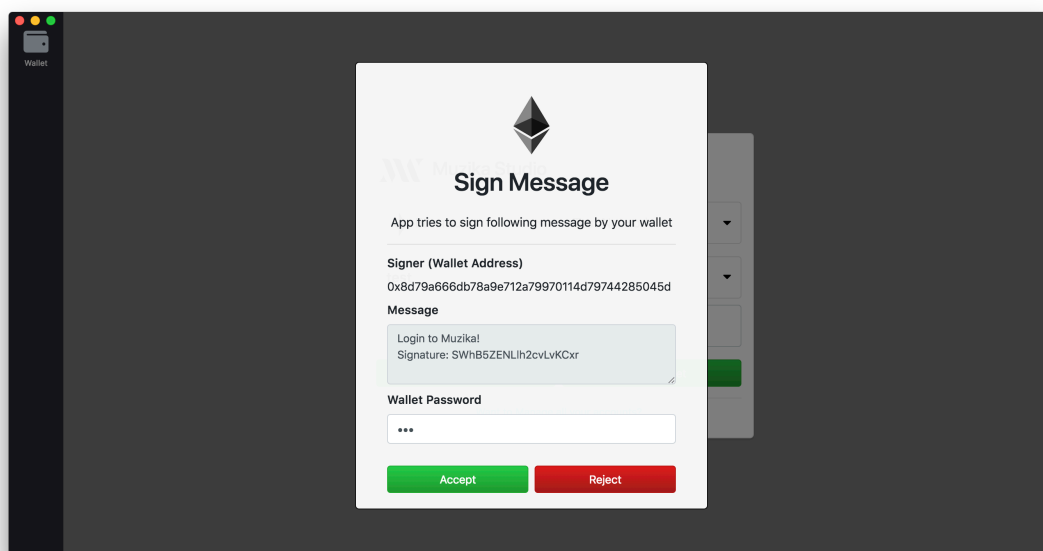
You will see the temporary message above. Click on the 'Sign' button within 5 minutes to confirm your login.

Main Interface
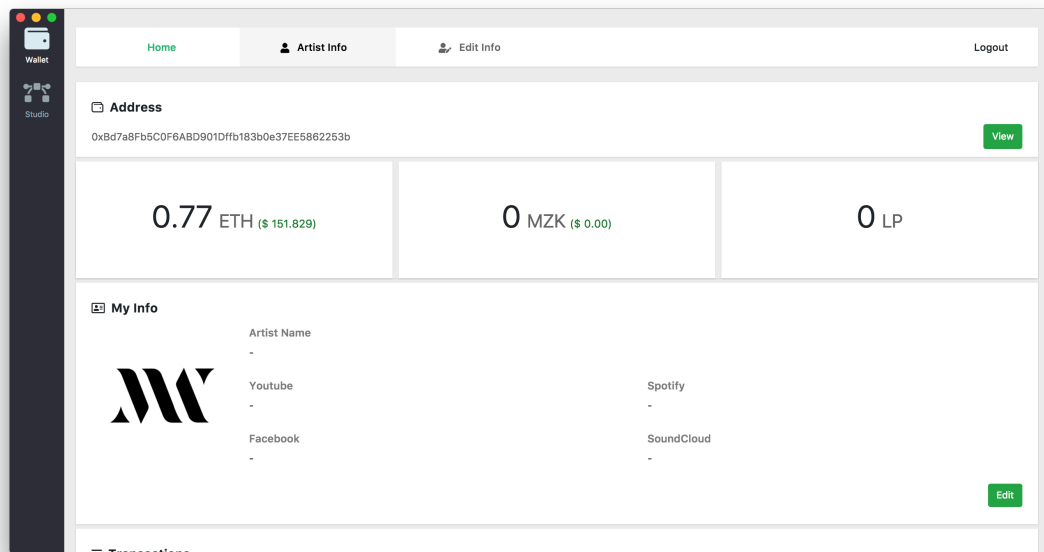
When you get logged in, you will see the main interface above. It shows your wallet address, balances, and artist information. On the top let corner, you will now see the 'Studio' icon. Click on this icon to upload your digital music products and create a Smart Contract.

Studio
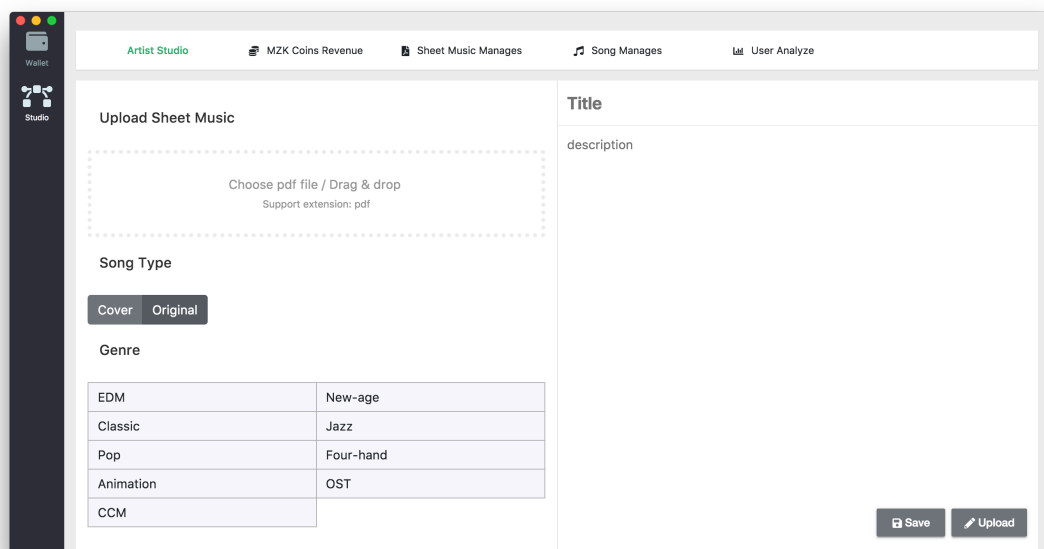
The Studio page allows you to upload your sheet music and provide further information. Note that other file types including MP3 and AVI will also be available in the official version. After putting all the information, click on the 'Upload' button at the bottom right corner to upload your file on IPFS.

From
0xBd7a8Fb5C0F6ABD901Dffb183b0e37EE5862253b

To
Contract Creation

Value
0

Gas Limit
948775

Gas Price
14000000000

Data

0x60806040523480156100105760080fd5b50604051610b53380380610b53833981016040818152825160208085015192850151606086015160008054600160a060020a031916331781557f2834894d00000000000000000000000000000000000000000000000000875260016004880181815260160a060020a0387166 0248a01526044890188905260a060648a01908152948a01805160a48b01528051979a98999098949094019 673fede6d4f7ece7a2657eb8abd6f24453c8fe65eaf96632834894d9693958c958c958c958c959094919360 8481019360c49091019288019190819084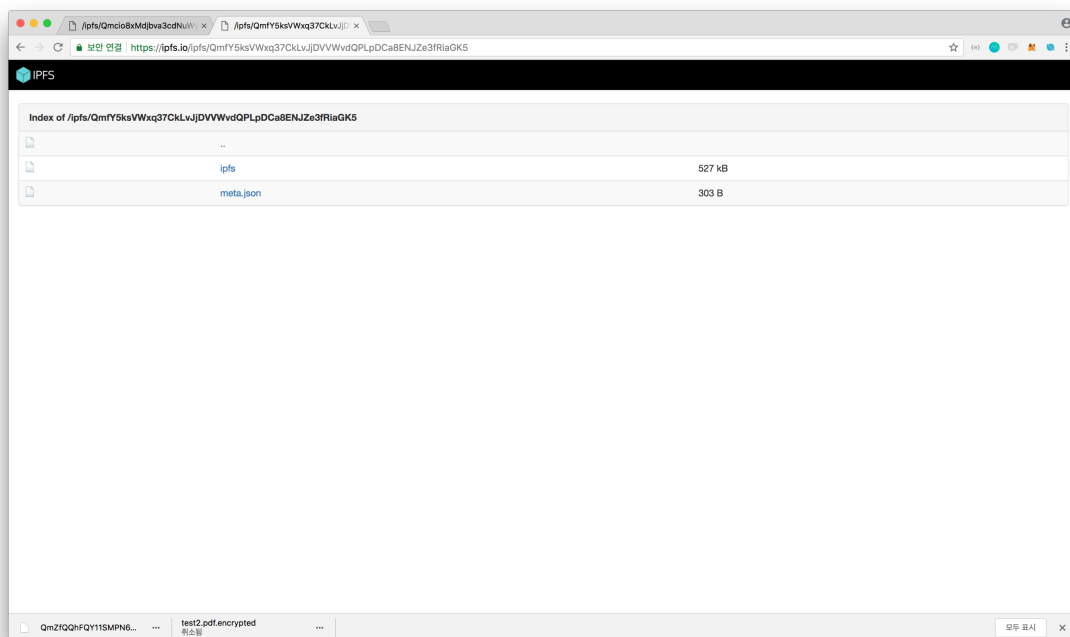908490005b838110156101035781810151838201526020016100eb56 5b5050505090509081019060011168015610130578082038051600183602003610100a031916815260200191 505b50838103825284518152845160209182019186019080838360005b838110156101635781810151838201

Sign   Reject

You will see the screen above when the upload gets completed. Click on the 'Sign' button to create a Smart Contract transaction..

✓

Broadcast success

Your music is broadcast now. Please waiting for transaction being accept.
After accept, your post is automatically registered in our server.

Title   test

TxHash   0x2aa3a067f9ca572fcdd0cec243d570d61bad6e0dae6b604f66e062b3dc818c5e

Click on the TxHash link

You can view your transaction information on Etherscan.

Also, all files will be encrypted and uploaded to IPFS.

Functions	Ethereum	Ontology
Login	O	O
Create account	O	O
View account balance	O	O
Transfer tokens	O	X
Import / Export wallets	X	X
Artist information	O	
View total revenue/profit	X	
Main Interface	O	
Upload files on IPFS	O	
Create Smart Contract for sheet music	O	X
Create Smart Contract for sound sources	X	X
Streaming on IPFS	O	

Muzika Studio is now fully integrated with IPFS – Encrypted streaming service based on IPFS is also available. Our current development focus is on the UI/UX improvement and integration to the Ontology protocol.