

Proof of functionality:

Minting of one soulbound visit card NFT to the student's wallet:

Sepolia Testnet

Search by Address / Txn Hash / Block / Token

7


Overview

Logs (1)

State

</> API

TRANSACTION ACTION

Mint 1 of 

[This is a Sepolia Testnet transaction only]

Transaction Hash:

0x94a17249f7964764029627204f2510b9478f0ec9a6ebf8ab1aa79654a424a07c

Status:

Success

Block:

8425592 2 Block Confirmations

Timestamp:

38 secs ago (May-28-2025 03:14:48 PM UTC)


From:

0x004B6d313762c2c9B2eF4ED0c459fBdE26630cdf

Interacted With (To):

0x2e3f0e138A12EA7a22C93674a363A8d326fCf592

ERC-721 Tokens Transferred:

ERC-721 Token ID [0] 

From 0x00000000...00000000 To 0x8A6b907C...C3C6a77c5

Value:

0 ETH

Transaction Fee:











0.000205642927620012 ETH

Gas Price:

1.073220124 Gwei (0.000000001073220124 ETH)

```
PS C:\Users\37529\blockchain> npx hardhat run scripts/mintSoulbound.js --network sepolia
Minted Soulbound Visit Card to: 0x8A6b907C5F257E4a509236db9e703CcC3C6a77c5
Transaction Hash: 0x94a17249f7964764029627204f2510b9478f0ec9a6ebf8ab1aa79654a424a07c
```

Minting of 10 game character NFTs with 1 or 2 transferred to the student's wallet:

Transaction Hash	Method	Block	Age	From	To	Amount	Txn Fee
0x30ba289f9c4...	Mint	8425757	21 secs ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000263
0x958800c7ed...	Mint	8425756	33 secs ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000285
0x18cb7af4c41...	Mint	8425755	45 secs ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000537
0x67b2ee16dc...	Mint	8425754	57 secs ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000302
0x0de418ca798...	Mint	8425753	1 min ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000316
0xb1037db6b0...	Mint	8425752	1 min ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000335
0x97d6f833e84...	Mint	8425751	1 min ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000276
0x2457f22bd44...	Mint	8425750	1 min ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000554
0xfc02d6c34a0...	Mint	8425749	1 min ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000288
0xe92ba326bc...	Mint	8425748	2 mins ago	0x004B6d31...E26630cdf	 0x76feD70A...4b31Fb3bd	0 ETH	0.00000369



```
PS C:\Users\37529\blockchain> npx hardhat run scripts/mintAndTransferNFT.js --network sepolia
Minted token ID 1 to deployer
Minted token ID 2 to deployer
Minted token ID 3 to deployer
Minted token ID 4 to deployer
Minted token ID 5 to deployer
Minted token ID 6 to deployer
Minted token ID 7 to deployer
Minted token ID 3 to deployer
Minted token ID 4 to deployer
Minted token ID 5 to deployer
Minted token ID 6 to deployer
Minted token ID 7 to deployer
Minted token ID 6 to deployer
Minted token ID 7 to deployer
Minted token ID 7 to deployer
Minted token ID 8 to deployer
Minted token ID 9 to deployer
Transferred token IDs 1 & 2 to student: 0x8A6b907C5F257E4a509236db9e703CcC3C6a77c5
```

Demonstration of batch minting/transfers for ERC-1155 tokens:


```
PS C:\Users\37529\blockchain> npx hardhat run scripts/batchMintAndTransfer.js --network sepolia
Compiled 1 Solidity file successfully (evm target: paris).
Batch minted tokens: [ 0, 1, 2, 3, 4 ]
Transferred tokens 0, 1 to student: 0x004B6d313762c2c9B2eF4ED0c459fBdE26630cdF
PS C:\Users\37529\blockchain>
```


Transaction Details < >


Overview Logs (1) State


 **TRANSACTION ACTION**
Transfer 2 of  Game Characters


[This is a Sepolia Testnet transaction only]



 Transaction Hash:


0x015ebffc5a9e4589db795a291ea74dc982d28f828ad574b23366a95970508cba 


 Status:


 Success


 Block:


 8425802  17 Block Confirmations




 Timestamp:


 3 mins ago (May-28-2025 03:57:12 PM UTC)






 From:





0x004B6d313762c2c9B2eF4ED0c459fBdE26630cdF 

 Interacted With (To):

 0x76feD70A72AF113ac9f9D79B9F239A44b31Fb3bd  

 ERC-1155 Tokens Transferred: **2**

 ERC-1155 For 1 of Token ID [0]  Game Charact... (ERC-1155) 
From 0x004B6d31...E26630cdF  To 0x004B6d31...E26630cdF 

 ERC-1155 For 1 of Token ID [1]  Game Charact... (ERC-1155) 
From 0x004B6d31...E26630cdF  To 0x004B6d31...E26630cdF 