



Verified Impact NFTs Part 2

Milestone 5 - Add UI for User, Creator, and Beneficiary Profiles

Version 2.0

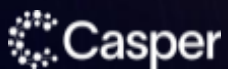


Table of Contents

Introduction	2
Important Links	3
Essential Definitions and abbreviations:	3
UI Overview	4
User Profile	4
Developers Notes:	4
Creator's Profile	6
Developers Notes:	7
Beneficiary Profile	10
External Interoperability	12
Smart Contract	15
Profiles Smart Contract link	15
Contract can be found on Cspr live website :	15
Contract Hash :	15
Profiles Smart contract Raw Data	15

Introduction

1- Welcome to Verified Impact NFTs

- Welcome to the official Verified Impact NFTs docs. This manual aims to familiarize new and current users with Verified Impact NFTs, its products, and its services.


2- What is the Verified Impact NFTs website?

- Verified Impact NFTs is an open-source platform created by the community for the community with a mission to launch an open financial network to donate to different causes and guarantees that beneficiaries can control the revenue splits through Verified Impact NFTs smart contract.
- In any conventional donations platform, many bad actors pose as legitimate impact projects while depriving the actual projects of revenue. In the base case, the impact project would only receive a fraction of the proceeds because the creator of the NFT controls the contract.

3- Mission Statement

- This project has two main objectives:
 1. Creating a new type of NFT contract that will allow the beneficiary to issue a verified contract and the supporter of minting using this contract. The main benefit is that the funds will go directly to the verified beneficiary, who will control the percentage that goes to the support.
 2. Expanding the platform functionality to accommodate the complex needs of the philanthropy domain.

Important Links

- Landing page: <https://verifiedimpactnfts.com/#/>
- Dev site: <https://dev.verifiedimpactnfts.com/>
- Casper Testnet: <https://testnet.cspr.live/>
- Staging: <https://staging.verifiedimpactnfts.com/#/>
- GitHub Repo: <https://github.com/AdelElMessiry/Verified-Impact-NFTs>
- GitHub Contract:
<https://github.com/AdelElMessiry/Verified-Impact-NFTs/tree/main/contracts>
- Data Sheet:  VINFT Data

Essential Definitions and abbreviations:

1. Beneficiary: The organization that will receive the sales proceeds. (verified through the KYB process)
2. Creator: The individual or entity that will be minting NFTs on the platform to be bought for collecting donations for a specific campaign.
3. Donor: The individual or entity who will buy the NFTs to donate tokens.
4. Campaign: A group of NFTs from one or more than one collection to be added together to serve a specific cause for a specific beneficiary.
5. Collection: A group of NFTs owned by only one creator/artist.
6. CSPR: The token used from Casper Network.
7. Requested Royalty: The beneficiary defines it as the specific share for the organization to support its cause from the sales of any NFT minted for any campaign of this beneficiary.

UI Overview

In Phase 1, we focused on adding the required fields in the smart contracts, while the UI did not support the profile functions, while this choice is acceptable to get the system going with manual contract interaction, it is a usability obstacle. To increase the usage of the platform, the user profile will play a large role.

User Profile

The user is defined as a wallet. In the next version, we will create a multi-wallet user. Associate a profile with each wallet. The information will be stored on-chain but only can be edited by that wallet owner. The user profile may be created as a contract by itself in order to provide more value as a stand-alone component. We want to set the bar higher for the on-chain user profile to include:

Developers Notes:

We are using one component to handle different users role with his info and data using enum to detect the user role and display the correct data and fields.

Profile enum

<https://github.com/AdelElMessiry/Verified-Impact-NFTs/blob/main/src/Enums/index.js>

Profile component

<https://github.com/AdelElMessiry/Verified-Impact-NFTs/blob/main/src/markup/Pages/Profile.js>

Profile

Home > Profile

User Profile

Creator Profile

Beneficiary Profile

Main Info

User Name *

Short Tag Line

First Name

Last Name

External Site Link

https://example.com

Phone

Twitter

https://twitter.com/UserName

Instagram

https://instagram.com/UserName

Facebook

https://facebook.com/UserName

Medium

https://medium.com/@UserName

E-mail

Telegram

https://t.me/UserName

☐ Already hosted profile image, enter direct url?*

Max file size: 20mb, accepted: jpg|gif|png

Choose image

☐ Already hosted NFT image, enter direct url?*

Max file size: 20mb, accepted: jpg|gif|png

Choose image

Save

Full Bio

Please add Profile First

User Name (Required)

The user name will be shown on the platform

Short Tag Line

A tagline the user likes to have displayed

Profile Image URL

This image will be used as a banner for the profile.

Profile NFT

The NFT image will be displayed as the wallet image on the system, in the next version, the user will be able to create an NFT profile on the fly.

First Name

Optional field for the user to fully identify

Last Name

Optional field for the user to fully identify

A Full Bio

Free text up to 512 characters

External Site Link

A site link

Phone

A 10-digit phone number.

Twitter

Twitter handler, which will be displayed on the user profile to allow communication with the user.

Instagram

Instagram handler, which will be displayed on the user profile to allow communication with the user.

Facebook

Facebook handler, which will be displayed on the user profile to allow communication with the user.

Medium

Medium handler, which will be displayed on the user profile to allow the display of the user's medium articles.

E-mail

User email, which will be displayed on the user profile to allow communication with the user.

The e-mail will need to be verified.

Telegram

Telegram handler, which will be displayed on the user profile to allow communication with the user.

Creator's Profile

Each creator will have the ability to set up their own profile page.

Developers Notes:

We are using one component to handle different users role with his info and data using enum to detect the user role and display the correct data and fields.

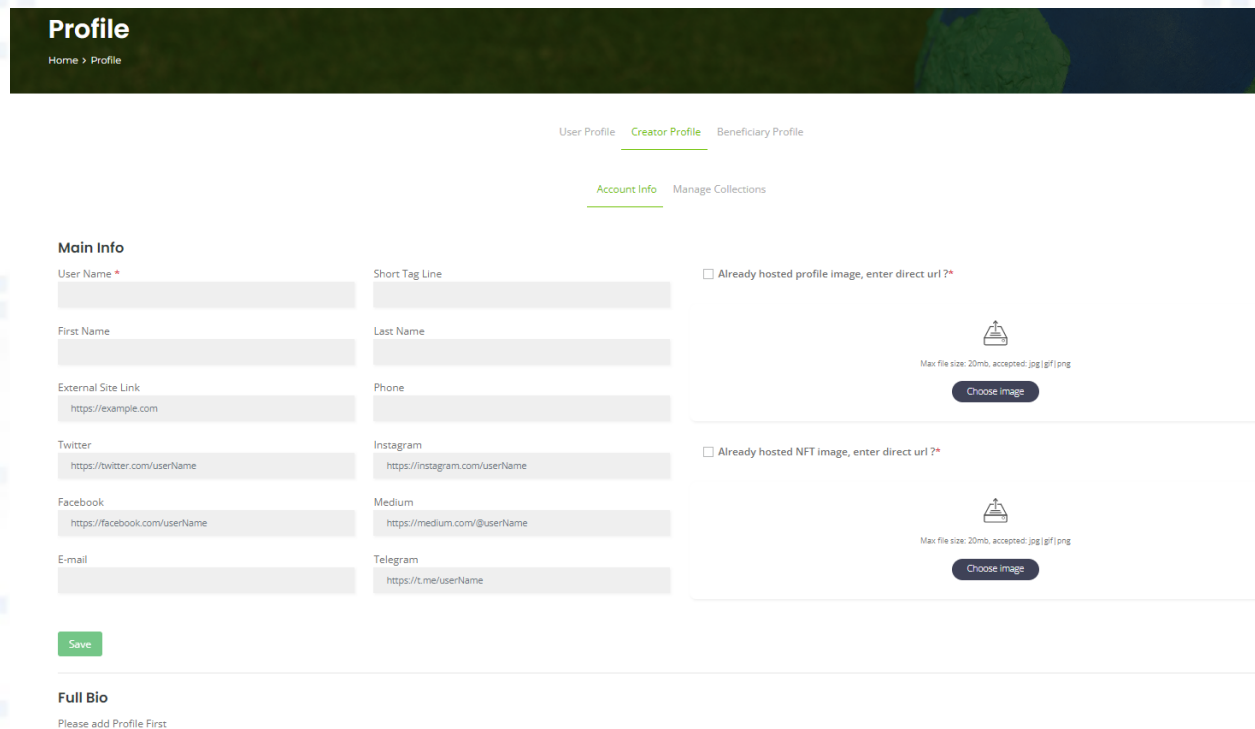
Profile enum

<https://github.com/AdelElMessiry/Verified-Impact-NFTs/blob/main/src/Enums/index.js>

Profile component

<https://github.com/AdelElMessiry/Verified-Impact-NFTs/blob/main/src/markup/Pages/Profile.js>

Each creator will have the ability to set up their own profile page.



The screenshot shows a web interface for a 'Creator Profile'. At the top, there's a dark header with the word 'Profile' and a breadcrumb 'Home > Profile'. Below the header, there are tabs for 'User Profile', 'Creator Profile' (which is active), and 'Beneficiary Profile'. Under 'Creator Profile', there are sub-tabs for 'Account Info' (active) and 'Manage Collections'. The 'Account Info' section is titled 'Main Info' and contains a grid of input fields for: User Name (required), Short Tag Line, First Name, Last Name, External Site Link (with a placeholder 'https://example.com'), Phone, Twitter (with a placeholder 'https://twitter.com/username'), Instagram (with a placeholder 'https://instagram.com/username'), Facebook (with a placeholder 'https://facebook.com/username'), Medium (with a placeholder 'https://medium.com/@username'), E-mail, and Telegram (with a placeholder 'https://t.me/username'). To the right of these fields are two sections for profile images and NFT images, each with a checkbox for 'Already hosted' and a 'Choose image' button. Below the 'Main Info' section is a 'Full Bio' section with a 'Save' button and a note 'Please add Profile First'.

The page will contain:

User Name (Required)

The user name will be shown on the platform

Short Tag Line

A tagline the user likes to have displayed

Profile Image URL

This image will be used as a banner for the profile.

Profile NFT

The NFT image will be displayed as the wallet image on the system, in the next version, the user will be able to create an NFT profile on the fly.

First Name

Optional field for the user to fully identify

Last Name

Optional field for the user to fully identify

A Full Bio

Free text up to 512 characters

External Site Link

A site link

Phone

A 10-digit phone number.

Twitter

Twitter handler, which will be displayed on the user profile to allow communication with the user.

Instagram

Instagram handler, which will be displayed on the user profile to allow communication with the user.

Facebook

Facebook handler, which will be displayed on the user profile to allow communication with the user.

Medium

Medium handler, which will be displayed on the user profile to allow the display of the user's medium articles.

E-mail

User email, which will be displayed on the user profile to allow communication with the user.
The e-mail will need to be verified.

Telegram

Telegram handler, which will be displayed on the user profile to allow communication with the user.

Collection List

List of this creator's collections

Beneficiary Profile

Each beneficiary will have the ability to set up their own profile page.

User Profile

Creator Profile

Beneficiary Profile

Account Info

Manage Campaigns

Main Info

User Name *

Short Tag Line

First Name

Last Name

External Site Link

https://example.com

Phone

Twitter

https://twitter.com/username

Instagram

https://instagram.com/username

Facebook

https://facebook.com/username

Medium

https://medium.com/@username

E-mail

Telegram

https://t.me/username

☐ Provide organization donation receipt

☒ Allow all NFT donation

☐ By signing up I accept the [Terms of Service](#) and [Privacy](#)

☐ I authorize artists and creators to list NFTs for the benefit of my campaigns

Other Causes

Save

Already hosted profile image, enter direct url ?*

Max file size: 20mb, accepted: jpg|gif|png

Choose image

Already hosted NFT image, enter direct url ?*

Max file size: 20mb, accepted: jpg|gif|png

Choose image

Full Bio

Please add Profile First

The page will contain:

User Name (Required)

The user name will be shown on the platform

Short Tag Line

A tagline the user likes to have displayed

Profile Image URL

This image will be used as a banner for the profile.

Profile NFT

The NFT image will be displayed as the wallet image on the system, in the next version, the user will be able to create an NFT profile on the fly.

First Name

Optional field for the user to fully identify

Last Name

Optional field for the user to fully identify

A Full Bio

Free text up to 512 characters

10

External Site Link

A site link

Phone

A 10-digit phone number.

Twitter

Twitter handler, which will be displayed on the user profile to allow communication with the user.

Instagram

Instagram handler, which will be displayed on the user profile to allow communication with the user.

Facebook

Facebook handler, which will be displayed on the user profile to allow communication with the user.

Medium

Medium handler, which will be displayed on the user profile to allow the display of the user's medium articles.

E-mail

User email, which will be displayed on the user profile to allow communication with the user.
The e-mail will need to be verified.

Telegram

Telegram handler, which will be displayed on the user profile to allow communication with the user.

External Interoperability

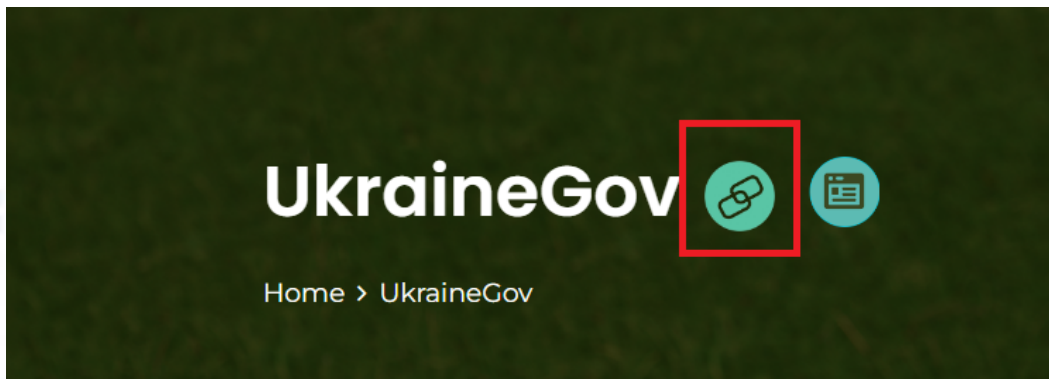
Any successful system is required to have bidirectional linking. The structure of the platform needs to have direct access points so that the users can utilize it as a reference on other platforms.

The User

Allow Direct link to the user's profile

The Beneficiary

Allow a direct link to the beneficiary's profile



SDGS GOALS:

SDGS ARE FILTERED BASED ON

THE SDGS CHOSEN ONLY



Allow a sharable link to the beneficiary campaign

Stand With Ukraine



Stand with Ukraine's people in their time of need.

Home > UkraineGov > Stand With Ukraine



SDGS GOALS:

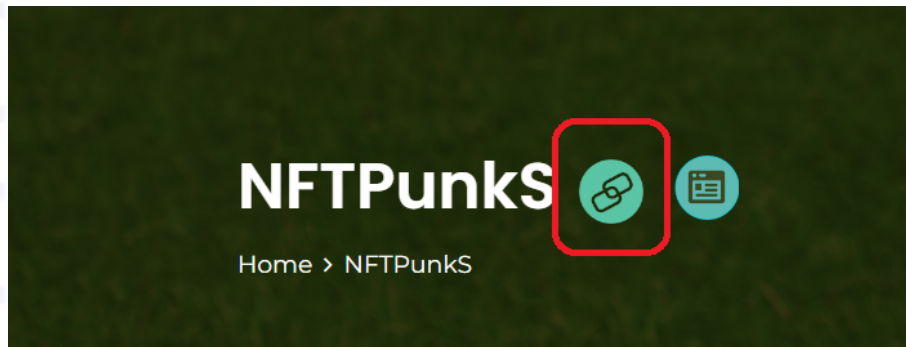
SDGS ARE FILTERED BASED ON

THE SDGS CHOSEN ONLY



The Creator

Allow a direct link to the creator's profile



Allow a sharable link to the creator's collection



Smart Contract

Profiles Smart Contract link

Contract can be found on Cspr live website :

<https://cspr.live/contract/81f1e6583eca92d2ffb3d48a7fff0ccfa7d36435e41b70e200f6db7c8b1e5d51>

Contract Hash :

81f1e6583eca92d2ffb3d48a7fff0ccfa7d36435e41b70e200f6db7c8b1e5d51

Profiles Smart contract Raw Data

```
"root":{1 item
```

```
"json":{1 item
```

```
"Contract":{5 items
```

```
"contract_package_hash":"contract-package-wasm49c52cb907c89e984af930bae087decefe0484704e89e3f9924f0c6007fe5cd5"
```

```
"contract_wasm_hash":"contract-wasm-d21f90294e7edcad75774d5b10aabc b3ea8a8e73278a467da6d2e7fbaa74dac"
```

```
"named_keys":[6 items
```

```
0:{2 items
```

```
"name":"admins"
```

```
"key":"uref-421b06f3b81f036316a43f7ca7999229a83dd6bb5ccad677dd61b bbbac727b68-007"
```

```
}
```

```
1:{2 items
```

```
"name": "all_profiles"

"key": "uref-5c0557883eefbf61655f3af011bd9790f607faaab29a730321da
7e9755e75b5-007"

}

2: {2 items

"name": "contract_package_hash"

"key": "uref-afb3ffe24a1903f9d57d9aca3dd030fdf3f03079eb7ad32b2129b
b839247f22d-007"

}

3: {2 items

"name": "owner"

"key": "uref-9aded659377bb5ccb715fe604f41ba9501b8724033aee32be77d2
f96094abc85-007"

}

4: {2 items

"name": "profiles"

"key": "uref-5c1d4c8a5f4f1fda12aded79cec8aa0f34fedf606b8d72f4e273b
50114feb68f-007"

}

5: {2 items

"name": "self_contract_hash"

"key": "uref-334ac06e63cdfc1077d2d9ef6d7938c3440db282dbd57c6eb928c
35f2fd07cfe-007"

}
```

```
]
"entry_points": [10 items
0: {5 items
  "name": "all_profiles"
  "args": [] 0 items
  "ret": {1 item
    "List": "Key"
  }
  "access": "Public"
  "entry_point_type": "Contract"
}
1: {5 items
  "name": "all_profiles_length"
  "args": [] 0 items
  "ret": "U256"
  "access": "Public"
  "entry_point_type": "Contract"
}
2: {5 items
  "name": "approve_beneficiary"
  "args": [2 items
0: {2 items
  "name": "address"
```

```

    "cl_type": "Key"
  }

  1: {2 items

    "name": "status"

    "cl_type": "Bool"
  }
]

"ret": "Unit"

"access": "Public"

"entry_point_type": "Contract"
}

3: {5 items

  "name": "constructor"

  "args": [3 items

    0: {2 items

      "name": "all_profiles"

      "cl_type": {1 item

        "List": "Key"

      }

    }

  }

  1: {2 items

    "name": "contract_hash"

    "cl_type": {1 item

```

```

    "ByteArray":32
  }
}
2:{2 items
  "name":"package_hash"
  "cl_type":{"1 item
    "ByteArray":32
  }
}
]
"ret":"Unit"
"access":{"1 item
  "Groups":[1 item
    0:"constructor"
  ]
}
"entry_point_type":"Contract"
}
4:{5 items
  "name":"create_profile"
  "args":21 items
  [0 - 10]
  [10 - 20]

```



```
[20 - 21]

"ret": "Unit"

"access": "Public"

"entry_point_type": "Contract"
}

5: {5 items

  "name": "get_profile"

  "args": [1 item

    0: {2 items

      "name": "address"

      "cl_type": "Key"

    }

  ]

  "ret": {1 item

    "Map": {2 items

      "key": "String"

      "value": "String"

    }

  }

  "access": "Public"

  "entry_point_type": "Contract"
}

6: {5 items
```

```
"name": "grant_admin"

"args": [1 item

0: {2 items

  "name": "admin"

  "cl_type": "Key"

}

]

"ret": "Unit"

"access": "Public"

"entry_point_type": "Contract"

}

7: {5 items

  "name": "package_hash"

  "args": [] 0 items

  "ret": {1 item

    "ByteArray": 32

  }

  "access": "Public"

  "entry_point_type": "Contract"

}

8: {5 items

  "name": "revoke_admin"

  "args": [1 item
```

```
0:{2 items
  "name":"admin"
  "cl_type":"Key"
}
]
"ret":"Unit"
"access":"Public"
"entry_point_type":"Contract"
}
9:{5 items
  "name":"update_profile_bio"
  "args":[3 items
    0:{2 items
      "name":"address"
      "cl_type":"Key"
    }
    1:{2 items
      "name":"bio"
      "cl_type":"String"
    }
    2:{2 items
      "name":"profileType"
      "cl_type":"String"
```

```
    }  
  ]  
  "ret": "Unit"  
  "access": "Public"  
  "entry_point_type": "Contract"  
}  
]  
"protocol_version": "1.4.8"  
}  
}  
}
```