

[Shair.com](http://shair.com) – Identity Services Platform

Purpose:

- Engage our partners, the community of Whitecoin and its Foundation whilst providing transparency throughout various processes for the DandyID Identity, Trust, Registration and Transaction Services.
- DandyID will be providing Enhanced Identity Services in conjunction with Whitecoin, for such services as:
 - Name Registrations on the Blockchain
 - Name Lookups
 - Social Media Verification
 - DandyID Verification
 - Verification Levels
 - Address Book
 - Search Addresses
 - Enable the sending of Whitecoin to verified usernames

Key Attributes:

Claim.io  - <http://claim.io>

- Name Registration Services (Patented)
- Personal, Brands, Corporate & Small Businesses
- Over 300 Supported Social Networks

DandyID  <http://dandyid.org>

- Identity Management Platform (Patented)
- Verified Identifications (Web and Cryptocurrency)
- Proprietary Ranking Algorithms

Whitecoin  <http://whitecoin.info>

- Decentralized PoS Blockchain
- Community Cryptocurrency (Available to Everyone)
- Integrated into Shair.com Infrastructure

DandyID

DandyID is already an authority in the name, identity registration and management space and now the next extension of service is to provide these similar services on the blockchain. This will not only enable name registration and identity trust scores but in addition there will be the ability to transfer Whitecoin using only usernames/user identities as opposed to complex wallet addresses.

DandyID is a centralized service that will be providing these services as it already has over 400,000 non and verified identities from self (DIY) and Claim.io registrations. Currently Claim.io is processing approximately 4000+ registrations per month which continues to grow month over month. With Claim.io, there is a massive opportunity for the introduction of Whitecoin to all new signups, month over month.

Implementation:

As DandyID currently stores and maintains over 400k unique usernames/profiles, DandyID will provide dedicated address resolution services for Whitecoin. There will be stored key values for the profile identification username to address, via modified DandyID portal and API services.

The current registration process (high level) is as follows:

- User searches for available username/profile name on DandyID
- Availability state is returned to the user, if available, the user is able to register their username, if not, DandyID returns username unavailable so the user can make another search.
- Upon successful registration, verification can begin to take place
- Verification occurs as users verify additional social networks via DandyID
- Proprietary Trust and Ranking scores then begin to be awarded to user profiles based upon a number of key attributes
- The Registration, Look up, Availability etc. are all fully deployed and operational with in many commercial applications
- Claim.io has extended the lookup/availability functionality across multiple social networks such as Twitter, Facebook, Google+, Pinterest etc.

Therefore with modifications, DandyID (and Claim.io) can extend existing services (with development) to Whitecoin, Shair.com infrastructure is now fully integrated with the Whitecoin Blockchain, further enabling functionality to Whitecoin such as those contained within Namecoin (https://btc-e.com/exchange/nmc_btc).

Here is the process we envision for Whitecoin community members (WC owners) wanting to claim their name on DandyID. By doing so, it will enable Whitecoin transfers by username, increasing trust scores in addition to having various verification processes which can include a multitude of social network services, across multiple networks:

1. Users make a username availability request to DandyID.
2. DandyID receives the request and provides a response as to the availability of the username (claimed/available).

Note: Potentially to avoid multiple calls, we could implement a 1st choice, 2nd choice, 3rd choice option.

3. If the name is already claimed by another user, a reply message is returned as such, with a message being provided to the user to search again.
4. For available usernames, a new Whitecoin Address will be created from the Whitecoind daemon, stored and associated within the DandyID infrastructure.
5. The user is then provided with the availability message, the address, fee amount and timeout period.
6. The user then agrees to complete the name registration process, transacting the required funds to the address(es). If the user decides not to proceed with the registration, upon completion of the timeout period, the requested name will be made available for other users to register.
7. Upon completion of the lookup-registration process, this username-address will now be made available for lookups and use.

Removal of Usernames

In the event that a user wishes to “unregister” their username/address (DandyID), this would occur via communications with DandyID with the required notarization/transactions within the blockchain and its systems taking place. At this time, to avoid username hijacking, this will be unsupported however, support for this will be implemented in future service upgrades.

Verification and Trust

As Dandy ID has already established Verification Processes and Trust Algorithms, these can be extended to multiple social networks such as Twitter, Facebook etc. adding to the virility of this service and name sharing which will enable transfers of Whitecoin to users via DandyID verified usernames.

Varying levels of trust scores will be added to each user profile based upon community feedback, verified social networks and other parameters. This could include documentation verification in the future.

In future updates, verification/trust scores may be passed to individual users address books, which could then be associated with usernames.

Whitecoin Wallet Development

The Whitecoin wallet will need to be modified and adapted to include a number of new functions to enable the successful name lookup, reservation and transaction functionalities which will be discussed with the selected development team(s). Here are some of the high level items which will be required:

- Name Lookup & Availability
- Name Registration
- Transaction by Username
- Address Book Modifications
- Simple one press processes to ensure ease of use for all users

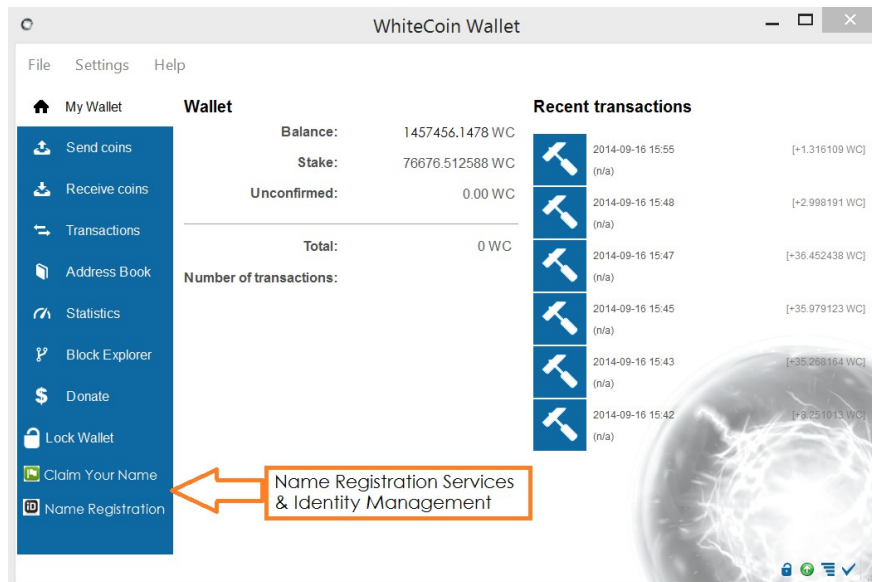
All development on the Whitecoin wallet will be verified by the community to ensure that all code is secure, stable and functional to the release requirements and project specifications.

The required efforts for completion of the wallet development will be reviewed and subsequently commissioned to the appropriate developer(s). Based upon availability of current resources, we may choose to outsource said development to a 3rd party wallet Development Company if timelines exceed reasonable expectations.

Whitecoin wallet examples:

Whitecoin Wallet

- Navigation Menu



- Name Availability Look Up, Manage and Search

