**Blockchain wallets audit**

**(public blockchains)**

Blowaud.com

Website has to give possibility to track cryptocurrencies and tokens on public blockcains.

Design can be very simple, like on etherscan.io

If there will be some ready simple UI template, feel free to suggest.

First stage will be Ethereum and ERC-20 tokens

1. Main page
   1. Sign in/Log in account
   2. Search field
      1. By wallet address
      2. By smart contract address that created erc20 tockens
      3. By project name (ICO)
      4. Name or wallet address of crypto exchange
      5. Name of cryptocurrency (will be added in future)
2. Sign in
   1. Email
   2. Password
   3. Repeat pass
   4. Capcha
   5. Confirmation email sent
3. Log in
   1. Email
   2. Password
   3. Forget password (recovery email has to be sent concerning new password and link to the page to set new password – two input field with “update” button). After new pass being set user will be redirected to main page and forced to log in with new credentials.

**When user is logged in Sign in and Log in are changed to Watchlist and Log out (will redirect user to account page)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TxHash | From (wallet address) | To (wallet address) | What (ETH or erc20 token) | Quantity | Date, Time | Success (+/-) |

1. When user types wallet address (exchange wallet address as well) he is being reditrected to the page with ETH number and drop down list with ERC20 tokens and their quantity. Below will be located transactions.   
     
     
     
     
     
     
     
   Possibility to add address to watchlist with next notifications options:
   1. Without notifications
   2. When ETH or token is sent
   3. When anything was sent from a wallet
   4. When some amount of ETH or other tocken was sent (possibility to set from/to)
   5. About receiving token or eth
   6. About number of received token or eth
2. When user types smart contract address or ICO name (for ICOs only)
   1. User is being redirected to the page with next info:
      1. Name (Full + ticker)
      2. When created
      3. Quantity
      4. Quantity of wallets
      5. Quantity of transactions
      6. Smart contract address (shall be added through admin panel manually)
      7. Decimals (shall be added through admin panel manually)
      8. Link to website (shall be added through admin panel manually)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TxHash | From (wallet address) | To (wallet address) | Кому (адреса гаманця) | Quantity | Date, Time | Success  (+/-) |

* 1. Below will be located transactions.
  2. Possibility to add to watchlist (without notifications)
  3. Possibility to choose notifications about moving of chosen token
     1. About sending of some amount of tocken (we need a possibility to set this)
     2. About receiving of some amount of token by some wallet (we need a possibility to set token amount and wallet)
  4. Two tabs
     1. Transactions
     2. Wallets
  5. Possibility to sort wallets by:
     1. Quantity of token (ability to set min/max)
     2. Receiving date (oldest/newest)
     3. Number of transactions
        1. ~~General~~ – no need at the moment
        2. Sent
        3. Received
     4. Possibility to choose some timeframe (from/to date/time) and check transactions number
     5. Send and received token quantity (min/max)

1. Watchlist page  
   Tabs:
   1. Watchlist (+ sorting)
      1. Wallets Addresses
      2. Smart Contracts Addresses
   2. Notifications
      1. Red dot to the right on the address
      2. Browser notification sound
2. About page with some text and images – I need to have possibility to edit that page
3. ну давайте оценим сколько надо, что б самому добавлять?

для начала нужна отдельная бд. отдельный функционал для добав/изменения этих данных на нужный токен. + синхронизация с бд эфира. я думаю тут работы дня 3-4

1. Название кошелька

2. Информация о токенах : название, сокращенное название, адрес, количество знаков после запятой

3. Смарт контракты : название, дата создания, ссылка на сайт