

Anex to the White Paper "InRating ICO" "Blockchain InRating"

A unique system of recording, storage and processing (hash-coding) of information is developed and implemented by the creators of the InRating social network.

The basis of this system is a distributed database - blockchain, which contains a range of blocks/records. Each of the blocks in the system contains certain labels that serve as a timestamp and a link to the previous block within the same block system.

Introduction of blockchain technology in the InRating social network first of all means the creation of an eternal digital magazine where the digital information is distributed but not copied. As a result, there is no chaotic load in the overall pattern of the InRating social network.

The InRating blockchain also acts as a guarantor of secure information storage for all users of the social network. Security is ensured by a decentralized server that provides timestamps and links to the previous block of the hash-coded information in the system, which makes it impossible to hack or falsify any data.

The InRating Blockchain will be integrated into all key sections of the InRating social network, which will transform the social resource into a unique platform that gives each user a lot of advantages when using its functionality.

Advantage № 1

An actual genuine User Rating in the InRating social network. The rating of each user is the unit of popularity of the account holder and the value that allows personalizing digital activity and gives all sorts of preferences. Blockchain in the InRating the social network is used to calculate and grow the Ranking of each user. Using this technology makes it impossible to change, adjust or forge the rating of any user in the system.

Advantage № 2

Calculating of the Rating, being the indicator of activity and popularity of each user, occurs in real time and does not require additional calculations or adjusting to the time zone wherein the user is located. The use of the Blockchain technology within the InRating affects the speed of growing each user's Rating in the social network. The Rating points are accrued instantly.

Advantage № 3

Thanks to implementing of the Blockchain InRating technology in the process of calculating and growing of the Ranking of each user, the maximum transparency of the mentioned indicator in the InRating social network is achieved. Use of this technology makes it impossible to adjust the Personal Rating of the user or any other interference in the value of the Rating by third parties.

Advantage №4

Using the InRating Blockchain technology affects the speed of all transactions related to the acquisition, transfer and accrual of the internal digital INCoins within

the social network. Each transaction, made and recorded in the system using the blockchain, is unique and can not be affected by third parties.

Advantage №. 5

Each participant of the ICO is the potential holder of the external n INTokens, and thus will be credited with INCoins. A user, holding the internal digital INCoins, can use them at own discretion when purchasing / paying for services provided by the InRating social network. This form of accrual is used as an additional bonus for potential holders of INTokens.

Advantage №. 6

The absence of commission for the implementation of internal transactions carried out between the holders of the internal digital INCoins.

Minimal commission for other transactions in the InRating social network.

Advantage №7

The functionality of the InRating social network makes it possible for each user to create and conduct a contest / event / poll using the format of E-Voting. The uniqueness of this function lies in the integration of the InRating Blokchain technology into the voting system. During the E-Voting in the InRating social network there is no possibility of cheating, use of bots or adjustment of results by third parties. Thus, the integration of blockchain technology makes it possible to conduct transparent voting, the current results of which are available on-line.

All the described functions, namely:

Rating of users in the InRating social network, the speed of its growth; transparency and reliability of the User's Rating; accrual and all transactions with the internal digital INCoins within the social network; transactions associated with the external INTokens; as well as creating and conducting of E-Voting are due to be implemented using the Private Ethereum Blockchain.

It is planned to use one of the two most effective algorithms of the Proof of Stake (PoS) consensus, based on a special mechanism for reporting the conducted works, while synchronizing of the system hubs will be done through a P2P peer-to-peer network, which will provide high security and confidentiality conditions to avoid fraud and hacker attacks .

The development team plans to use the Ethereum Improvement Proposals (EIPs), responsible for the mechanism of unambiguous identification of the actual holder of the external INTokens.

To accelerate all transactions conducted within the InRating social network and to optimize all transaction-related processes, the development team plans to use atomic swaps.

A special attention is paid to the development of a smart contract for the fastest microtransactions of Rating points to each user of the InRating social network.

The development team plans to create and integrate the system with a minimal commission fee.

The project team also sets to develop the following:

- Smart contract for the emission, accrual and transferring of internal digital INCoins;
- Smart contract for Rating users of the social network InRating;
- a system for automatic contracting for users' contests using the E-voting format.

In addition to all of the above, it is planned to develop a smart contract that will interact with the smart contract of the external INTokens and credit external INTokens in the form of the internal digital INCoins to their holders.

Information on the details of the " InRating Blockchain" development and integration of each solution into the system will be supplemented as they are implemented within the InRating social network.