Wilson 2.0 - Procrastination Killer

Abstract. *'I will do it tomorrow'* has killed many more dreams than anything else. This paper introduces a purely peer-to-peer reward/punishment system for achieving set goals in a timely manner. Such a system is required as people make many resolutions but end up not completing them due to a myriad of reasons. To tackle procrastination, Wilson will act as a helping friend, a referee, a judge, a villain, etc., no matter how you see Wilson, but one thing is for sure, he will not let you miss any commitments you commit to him. If you miss your commitment, you'll lose your money. Scary.

I. Introduction

In general, productivity and procrastination are inversely proportional. People may tell you otherwise, but most successful people are self-motivated individuals who commit and do the work on a stipulated time, unlike procrastinators. So, what would happen if your motivation does not come from inside? You need a Wilson.

Who is Wilson?

How will he help people become more productive?

How can he help billions of people?

II. Wilson

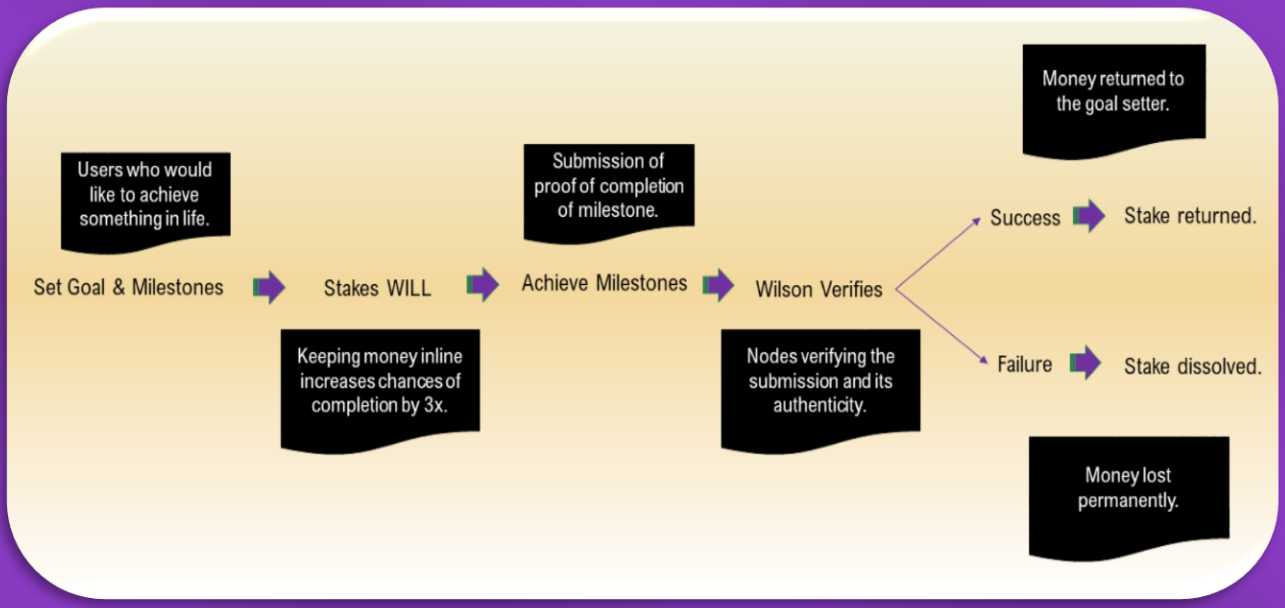
is a tribute to the movie Cast Away and intended for forwarding Wilson's legacy to help billions of people to get to the land of success by passing an ocean of laziness.

The film *Cast Away* depicts Tom Hanks as a lone survivor stuck on a deserted island. The ball, which his character names Wilson, is depicted as his only friend, watcher, and comrade.

Wilson, the volleyball, has a watch on Nolan while he tries to fire using Rubbing sticks.

III. Wilson Dapp

While in the movie Wilson keeps Nolan on his toes for survival, our system will give any person the opportunity to become Wilson and verify other people's work. This system will be a classic peer-to-peer one where any person can participate from any part of the world.



Systematic flow chart of Wilson Cycle

As anyone can verify the proof of completion of work, each Wilson resembles a node in the system, same as miners in the proof of work blockchain system. Each verification will reward WILL tokens for Wilson like bitcoin mining [1] but here the proof of work is not coming from the CPU, but it is proof of human work. A similar concept of proof of human work was discussed in the paper "Designing Proof of Human-Work Puzzles for Cryptocurrency and Beyond" by Jeremiah Blocki & Hong-Sheng Zhou.[2]

Such a system should and must be decentralized so that there is no issue of trust. There should be no central authority to stop random people from setting their goals or even having any say in the Wilsons' work. This can be achieved by providing voting functionality to all the nodes in the blockchain. Whoever verifies the work will get the reward in terms of WILL tokens.

Mainly, there are three parties involved without any central authority:

1. **User – The nodes which would like to commit goals and kill procrastination.**
2. **Verifiers – These nodes act as 'Wilson' and have a check on users' activity.**
3. **Wilsons Smart Contract.**

IV. End to End Process

a. **The User Commits a goal and sets a few milestones.**
b. **User Stakes WILL tokens for the complete commitment.**
c. **The system divides the total stake by the number of milestones. This provides the number of tokens to be returned to the User if he completes the milestone on time, else these tokens will be burnt and will forever be lost without anyone's control.**
d. **Total rewards to verifiers would be issued based on the total WILLs staked by the user.**
e. **Each milestone can be voted with a three-vote power weight (this is not necessarily 3 votes, but the VP should be 3).**

V. Reward Calculations & Slashing

As discussed, Verifiers from any part of the world with a wallet would act as verifying nodes for verifying the proof submitted by users on each milestone. To avoid malicious activities and to discourage dishonest nodes, the system will reward tokens based on the Voting Power (VP) weightage of the node. VP is calculated as follows:

If $T \leq 5$,

$$VP = (T-WV)/10,$$

Else $T > 5$,

$$VP = 1-\sqrt{(WV/T)}$$

T = Total number of votes made by the verifier.

WV = Total number of WRONG votes made by the verifier.

Also, $VP \leq 1$, $WV \geq 0$ & $WV \leq T$.

The initial part of the condition ensures that new wallet address nodes will get fewer rewards for the initial five verifications. This is done to discourage nodes to use different wallet addresses and use their only account with much more credibility. The next condition is simple and does not affect honest nodes as the rewarding will be 1:1 if they never made any wrong vote aka WV. But this will discourage bots from randomly voting and getting the rewards as a single WV has a huge negative impact on their verification power.

VI. WILL Tokens

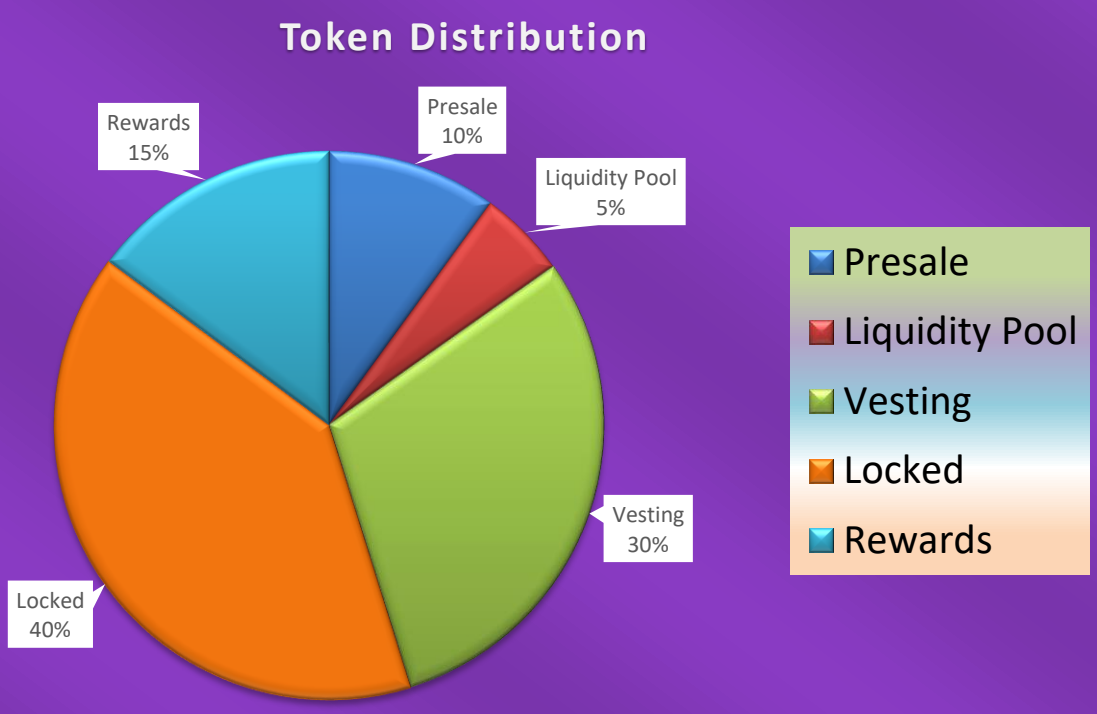
The WILL token will be the native utility token of the Wilson system. When a user commits money in the form of crypto, it will be transformed into WILL tokens because every transaction activity would involve WILL tokens such as

- **Verification rewards to nodes,**
- **Optional awards to users for successfully completing the commitments**
- **Airdrops.**

VII. Tokenomics

Token Distribution: Total Supply of Wilson would be 21,000,000 (21 million) and will be allocated as below:

- **40% tokens are locked in the Pink Sale Lock for two years.**
- **30% tokens are vested (Monthly) to Team over a period of two years.**
- **15% tokens are unlocked to Wilson Team for initial marketing, airdrops & rewards.**
- **10% tokens would be allotted for presale on the ICO platform.**
- **5% tokens would be locked in the PancakeSwap Liquidity Pool.**



***Funds raised from presale would be utilized proportionately among Wilson Founders, Development Team & Marketing Team.**

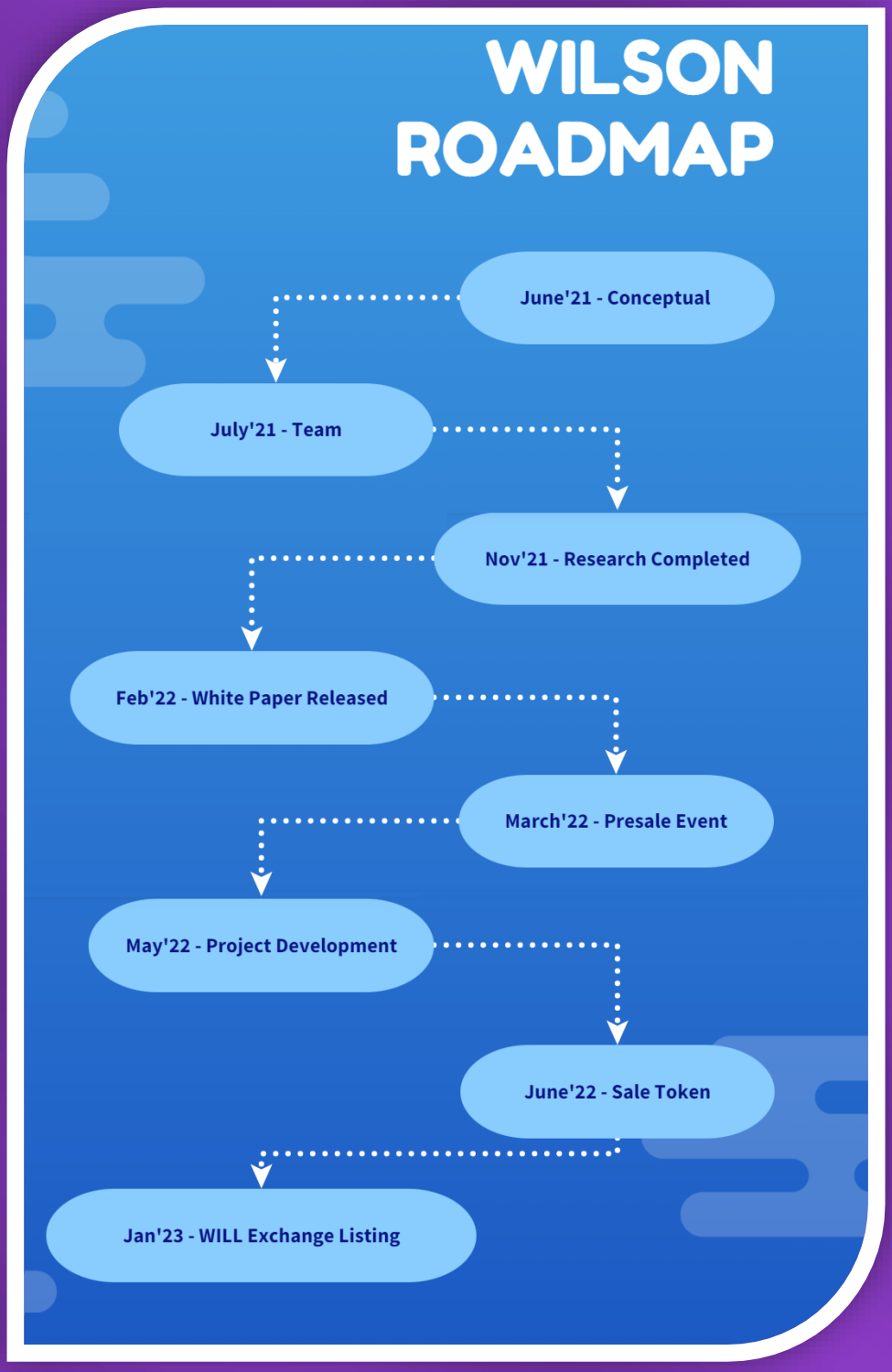
Vesting Cycle for releasing tokens to the team:

Vesting Cycle			
Release Month	Amount	% of Vest Release	% of Total Supply
Apr-22	1953000	31	9.3
May-22	189000	3	0.9
Jun-22	189000	3	0.9
Jul-22	189000	3	0.9
Aug-22	189000	3	0.9
Sep-22	189000	3	0.9
Oct-22	189000	3	0.9
Nov-22	189000	3	0.9
Dec-22	189000	3	0.9
Jan-23	189000	3	0.9
Feb-23	189000	3	0.9
Mar-23	189000	3	0.9
Apr-23	189000	3	0.9
May-23	189000	3	0.9
Jun-23	189000	3	0.9
Jul-23	189000	3	0.9
Aug-23	189000	3	0.9
Sep-23	189000	3	0.9
Oct-23	189000	3	0.9
Nov-23	189000	3	0.9
Dec-23	189000	3	0.9
Jan-24	189000	3	0.9
Feb-24	189000	3	0.9
Mar-24	189000	3	0.9
Total	6300000	100	30%

Unlocking cycle of locked tokens:

Unlocking			
Release Month	Amount	% of Lock Release	% of Total Supply
Jan-23	3360000	40	16
Jan-24	3360000	40	16
Jan-25	1680000	20	8
Total	8400000	100	40

VIII. Roadmap



IX. Conclusion

We have proposed a system which would be beneficial for all the parties. Users will complete their commitment as they would be afraid of losing money and a way to prove their productivity. Verifiers would earn rewards for doing verification.

X. References

[1] **Bitcoin: A Peer-to-Peer Electronic Cash System, Satoshi Nakamoto.** ***http://bitcoin.org/bitcoin.pdf***

[2] **Designing Proof of Human-Work Puzzles for Cryptocurrency and Beyond" by Jeremiah Blocki & Hong-Sheng Zhou.**

https://eprint.iacr.org/2016/145.pdf

[3] **Procrastination in Daily Working Life: A Diary Study on Within-Person Processes That Link Work Characteristics to Workplace Procrastination, Prem Roman, Scheel Tabea E., Weigelt Oliver, Hoffmann Katja, Korunka Christian.**

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