

Build-it White Paper

*Build-it: Fast.Extensible. Powerful. A Second Layer for web 3.0 Built On Hive
Blockchain*

A Decentralized DIY and Hands-on craft platform (Dated: September 13, 2019)

Build-it is an inventive and community-oriented decentralized ecosystem for DIYers (do it yourself) and Hands-on craft sharing platform that rewards it's members with build tokens for sharing their DIY projects and Hands-on craft respectively. A second layer project built on Hive Blockchain and utilizes it's Delegated Proof Of Stake (DPoS) protocol - a consensus algorithm created to secure a network by ascertaining representation of transactions within it. With this smart technology-based protocol (DPoS), members can utilize the voting and election process to protect the network from centralization and vindictive usage. Build-it is actually designed to accommodate a vast amount of DIY and Hands-on projects by making it available for time-sequence monetization. With it's scalability, speed, and monetization, then it's very safe to say Build-it is the next big thing in crypto.

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1. Introduction

“Don’t just sit there watching TV, go out and do something with your hands!”

The term Do-it-yourself (DIY) moral principle aims to overthrow or limit the idea always depending on a third party to help take care of simple home renovations. As the world changes and advances, people will have no choice other than to do things themselves. The masses will have to provide for themselves, although this will only be possible by educating, learning, and getting the necessary funds, via shared decision making.

It is safe to imply that the DIY culture is very crucial to humans as it legit provides an avenue of retrieving power and control of your own life without depending on any third party - it's self-decentralization. At Build-it, it is our utmost aim for everyone to be involved to take full responsibility for their own life. The sad truth is, if we as humans ignore being in full control of our life and actions, then we risk being marginal and ineffective in our actions. Which on the other hand, will get resources (money and time) wasted. The Problem In The World Today.

Between early last year (2020) till today (2021), the news is jam-packed with updates on the challenges we face as global citizens. These challenges tends to be on the rise on a daily basis, ranging from a global pandemic, to food scarcity, unemployment,

climatic change, and there thousands of persons living without access to medical care facilities.

The good news is, working to mitigate these global issues aren't that hard or confusing anymore - most notably using our DIY platform (Build-it) as a solution-tool in the mitigating of the global issues before us today.

2. Build-it assets and Use-cases

I. Assets

The Build-it ecosystem is issued with one form of crypto called \$BUIDL... Furthermore, it exist both in liquid form (which is BUIDL) and a staked form (called BUIDL power). Basically, BUIDL is the native currency upon which the Build-it ecosystem runs off. BUIDL can be bough, traded, sold, and staked respectively. Interestingly, with the ultimate help of [Hive Blockchain]([*link*](#)), BUIDL power (BP), is vested through a process called “power up”. When members power up their liquid BUIDL into BUIDL Power (BP), they can influence that said power on contents and projects by voting on them (upvote) or by down voting it (downvote) if it goes against the community rules. However, Buidl power can be entirely un-staked through a process called ‘power down’. This process liquidates the staked BUIDL power into it’s Liquid form over 13 weeks waiting period, with a fraction removed from the staked power every 7 days until 13 weeks is reached.

ii .Bandwidths/ RC's

Bandwidths are very crucial protocol in any decentralized ecosystem. They are the total amount of data that can be conveyed in a fixed amount of time. Interesting, bandwidths can be tokenized. Rather than relying on transaction fees, Build-it utilizes Hive Blockchain fee-less system that leverages reachable Resource Credits (RC). Upon signing on the platform, each verified account holds a given amount of RC’s related to it’s stake. The amount of Hive Power attached to a given account determines its level of stake and allows for the calculation of the associated bandwidth. If an account projects a high utility rate on the platform will need more Hive and BUIDL power than an account that rarely transacts. Literally, no account is entirely prevented from executing a transaction. However, accounts with 0 HP and BP may still execute transactions that as per time of use and blockchain load.

Iii. Delegation

Buidl power (BP) may be temporarily lent to other accounts respectively using an incredible feature known as ‘Delegation’. However, delegated BP might be granted to other accounts for a period of time best know by the delegate e. Cancellation of an ongoing delegation takes five (5) days to return to it’s source.

Iv. Staking

Staking can be seen as a way to put your crypto to work and earn passive rewards on it. This act involves a user committing their crypto assets locked up for a specific period of time as it also supports a blockchain network and confirm transactions faster. Cryptocurrencies like Hive and Buidl utilizes Delegated Proof of Stake (DPoS) consensus algorithm.

V. DAO Funding

Decentralized Autonomous Organization is an open-source blockchain protocol managed by an array of rules developed by elected members of the network which automatically carry-out certain actions without the need of any third party. One crucial advantage of DAO, is the fact that no single person or party has total control over a DAO. This wards off uncertainty and increases activities shared by all members of the DAO. Notwithstanding, with the help of Hive's Delegated Proof Of Stake (DPoS) algorithm, members of Build-it network will be opportune to select 'block producers' (also known as 'witnesses' on Hive Blockchain). DPoS was first invented by Dan Larimer as a functional alternative to the Proof of Work system introduced with Bitcoin. Other prominent DPoS blockchains include BitShares and EOS; they are originally based on Larimer's Graphene framework.

3. Advancement and Bridging the offline world

I. Integration

It is true that unless a persons understands a thing, that person might most likely not understand that thing and ultimately. While crypto and Blockchain remains unknown in some looks and nooks and crannies, we will be educating, teaching, and on-boarding every DIYer and non-DIYer on the decentralized bandwagon. By introducing cutting-edge technologies to the masses. Right now there are so many cross-chain platforms in the crypto space all working together to boost-strap the growth of crypto adoption.

Actually, the bridge is You.

No lie, crypto is complicated. It's technical, It's broad, it's financial and economic and more etc. However, while still being in it's early days, it's safe to say getting involved in crypto isn't something easy as signing for a Hive account on Ecency or signing up for a demo.

II. Presentation and performance

With the advent of digital presentation and performance in the crypto space, a lot of decentralized organizations put in hard work in presenting and performing. Take a look at Hive Blockchain - a fast and scalable and powerful blockchain for web 3.0.

However, build-it will focus more on improving the presentation and performance of the website into a world-class first decentralized DIy (do it yourself) platform.

III. UI/UX Enhancement

It is important to pinpoint the ultimate usefulness of “User experience” and “user interface” in any successful project’s website. It is for this reason we will have a separate team of UI/UX that will constantly keep updating he following:

- * Looking for recurring issues/bugs
- * Prioritize fixes
- * Build and test new features
- * Organize the UX data
- * Identify users issues and fix them.

IV. Construction of decentralized market place

While trying to connect DIYers from all spheres of the world - including offline and online world. It will be of great importance to build a decentralize DEX using Hive tools and infrastructure. This way, hand-made craft can be converted into a diy token. For instance a wood-worker can share he’s craft and earn \$wood for he’s craft, this diy tokens can be traded against \$buidl respectively. While still in he early stages, this should drive an influx of homemade crafts and hands-on project into the decentralized world.

4. On-boarding new members and distribution

I. Signing new accounts:

On-boarding the masses will never go out of fashion for us at Build-it! With this in check, there will be multiple ways and techniques we will work on to boost-strap the massive adoption of users under our decentralized platform respectively.

II. Building Bridges and Cross-chain services

As the blockchain industry continues to grow with new updates and technology, we the team at build-it will never cease to follow up these updates as they come in favour of our dear members and token holders respectively. That being said, our beloved Dev team will create a decentralized bridge upon which users can tour on other blockchains and enjoy their services while still being on our website.

III. Giving back to the community (Build-it.charity)

Giving to the community will never go out of style, we know this at Build-it and will practise the selfless act of giving back to the community through charity, donations, support, contest, and any legal means to extend the act of reaching out to those in need. This will also include food items, and clothing to orphanage homes and individual homes respectively!