

CoreChain (CORE) ERC20 Whitepaper

CoreChain

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CORE Token and Utilities

CORE Token

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Links

Website: <https://core-chain.co/>

Telegram: <https://t.me/CoreChainOfficial>

Discord: <https://discord.gg/tC2HBWSzpT>

Twitter: <https://twitter.com/CoreCoinChain>

Instagram: https://instagram.com/core_chain?igshid=NDk5N2NlZjQ=

TikTok: <https://www.tiktok.com/@corechain0? t=8ZBbKv3A0Np& r=1>

Facebook: <https://www.facebook.com/groups/859706738588220/?ref=share>

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CoreChain

Vision Statement

CoreChain sets the new precedent of UX focused cryptocurrency blockchain and platforms, utilizing our core principles of intuitiveness, security, and innovation, while still maintaining the decentralized and autonomous properties that drive our industry.

The First UX Blockchain

CoreChain is the first UX Blockchain, a blockchain centered around providing the next level of safe, efficient, and effortless user experience. CoreChain was developed with the user at the center of everything we do, solving the security and assurance problems other blockchains are plagued with. We accomplish this level of UX focus without compromising any of the aspects of decentralization a person would be accustomed to and expect. We leverage our expertise to provide groundbreaking new utilities, features, and capabilities never before incorporated into a ERC20 token or blockchain technology. Through security integrations into our CORE token, as well as the multifaceted development approach of our blockchain, CoreChain sets the new standard of the effective and safe ecosystem.

UX (User Experience)

User Experience (UX) is the focus, core belief, and driving factor towards the quality of a user's interaction with CoreChain, our services and our products. We incorporate this central force of being UX driven with every utility, product, and decision we make, and work towards driving perfection when it comes to our user's perception of our utility, foundation, ease of use, security, and efficiency. This is done so that our users, holders, developers, and investors have an unrivaled experience with the highest sustainable revenue generating rewards and sources while experiencing blockchain brought to the next level.

CoreChain Team

The CoreChain Team takes pride in not only being one of the most innovative in the crypto space, but extremely adaptable with our solution focused mindset. We invite feedback, opportunities, and challenges as they allow us the ability to showcase our persistence and the dedication of our team.

Team Members

Ismael – UX and Community Lead

Tyler – Blockchain and DApp Lead

Fred – Contract and Development Lead

The CoreChain Team includes three experienced and dedicated members, including Ismael, Tyler, and Fred, who have been working with each other for over two years. With New Jersey and Ohio being our team's base of operations, the CoreChain token and blockchain is fully developed and support from the United States. Each team member brings a level of expertise that allows CoreChain to create the new precedent of efficient, adaptable, and expandable token and blockchain coding.

CORE Layered Ecosystem

The CoreChain layered ecosystem is a complex yet simplistic, thoroughly developed and tested architecture that allows for maximum ROI potential as well as the security, consistency, and stability expected of an organic ERC20 token and blockchain. Through utilization of cross contract interactions, compressed router and function capabilities, as well as full logic and coding customization, the CoreChain ecosystem enables user functionality never before seen on the Ethereum and CoreChain blockchains. CoreChain and CORE are the underlying Layer 0 infrastructure of our layered ecosystem, joining our two-sub parallel token and blockchain layered ecosystems.

Each of our integral layered aspects represent a fundamental part of the ecosystem as a whole, with the CORE ERC20 token being the base, Layer 1, of token sub-ecosystem. Token Staking and Liquidity CSR encompass Layer 2, being the key supporting and sustaining entities of Layer 1. Layer 3 contains CrossChain Rewards as well as other ecosystem aspects that create the environment in which both Layer 1 and Layer 2 achieve effectiveness.

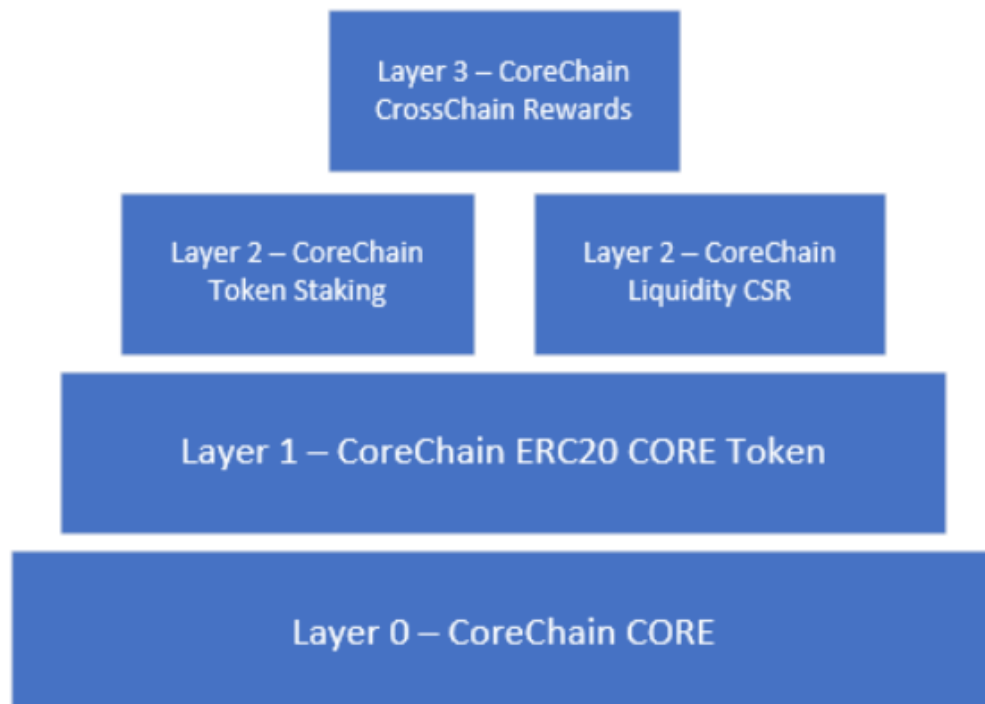
Ecosystem Aspects

CoreChain ERC20 Token (Layer 1): The CoreChain (CORE) ERC20 Token plays a pivotal part in our ecosystem with initial chain liquidity being built through this medium as well as the structural and strategic advantages that result from using the Ethereum blockchain including security, consistency, dependability, and familiarity.

CORE Token Staking (Layer 2): Within the CoreChain Ecosystem, both token and liquidity staking are two of the most crucial and necessary actions our holders can participate in while generating passive income. Core Token Staking allows for the project, holders, and potential investors to understand the stability of the project as a whole, as well as the commitment of the holders and community. CoreChain's emphasis on staking is evident by the generous and appreciative Annual Percentage Yield (APY), as well as the transfer-less token staking mechanism which allows holders who stake the ability to receive two methods of income from staking in addition to CrossChain Rewards.

CORE Liquidity CSR - Creation, Staking, & CrossChain Rewards (Layer 2): A fundamental aspect of CoreChain and the complete CoreChain Ecosystem is our CORE/ETH liquidity pool, staking, and providers. Stability is achieved through liquidity, which in turn drives the emphasis we place on liquidity and the ROI we ensure our providers are eligible to receive. Through our proprietary Liquidity CSR contract and logic, we are able to provide an effortless User Experience (UX) including the ETH to Staked LP function, ETH and Token to Staked LP function, as well as the Stake Existing LP function. We ensure that our providers and those who choose to stake with us receive a APY multiplier so that users that stake liquidity can experience our top tier ROI rates. The Liquidity CSR is considered to be a level one utility within our ecosystem, resulting in the one of the largest aspects of growth within CoreChain's scope.

CrossChain Rewards (Layer 3): The proprietary CrossChain Rewards contract, logic and mechanism produce the ability for revenue generating sources to be capsulated then distributed to the liquidity providers and token holders of supporting blockchain and liquidity pools. CrossChain Rewards integration into the CoreChain Ecosystem generates an additional revenue stream for holders to emphasize and encourage their continued participation in our ecosystem.



CoreChain Roadmap

Q4 2022

CoreChain Testnet Completion

CoreChain CORE ERC20 Token Contract

CoreChain CrossChain Rewards Integration

CoreChain Token Staking and Liquidity CSR Integration

DApp Integration

Q1 2023

CoreChain CORE Ethereum Token

CoreChain CORE Token Utility

- CrossChain Rewards
- Token Staking
- Liquidity CSR

CoreChain (CORE) ERC20 Whitepaper

CoreChain Blockchain Whitepaper

CoreChain Validator Whitepaper

CoreChain Mainnet

CoreChain Bridge

CoreChain Mainnet Utility

- Swap
- Token and Liquidity Locker
- Charting System
- Launchpad

Q2 2023

Token Scanner

Trusted Launchpad and Swap

Scale Proprietary Utilities

Wallet Development

CEX Partnerships

**Please refer to CoreChain Blockchain Whitepaper for further details on scope and implementation of blockchain topics and aspects*

CoreChain Token and Utilities

CoreChain (CORE) Token

The CORE Token is an entirely custom built ERC20 token residing on the Ethereum blockchain. Through extensive development and testing, the CORE source code is secure and adaptable, allowing for advanced yet simplistic integration into our utilities and CoreChain.

Ethereum Contract Address: 0x32CD5e50ca6b4640748F7d9a40c5a13f727FeB4F

Solidity Version: 0.8.17

Name: CoreChain

Symbol: CORE

Total Supply: 1,000,000 (1 Million)

Decimals: 9

Max Wallet Amount: 15,000 (1.5%)

Max Transaction Amount: 10,000 (1%)

Buy and Sell Fee: 4%

Initial Liquidity: 600,000 CORE / 3 ETH

Tax Allocation:

- Marketing: 40%
- Liquidity: 30%
- Development: 20%
- Team: 10%

Token Allocation:

- Liquidity: 60%
- Token Contract: 5%
- CEX: 10%
- Team: 8%
- Staking / Airdrops / Giveaways: 10%
- Initial Validators: 7%

CrossChain Rewards

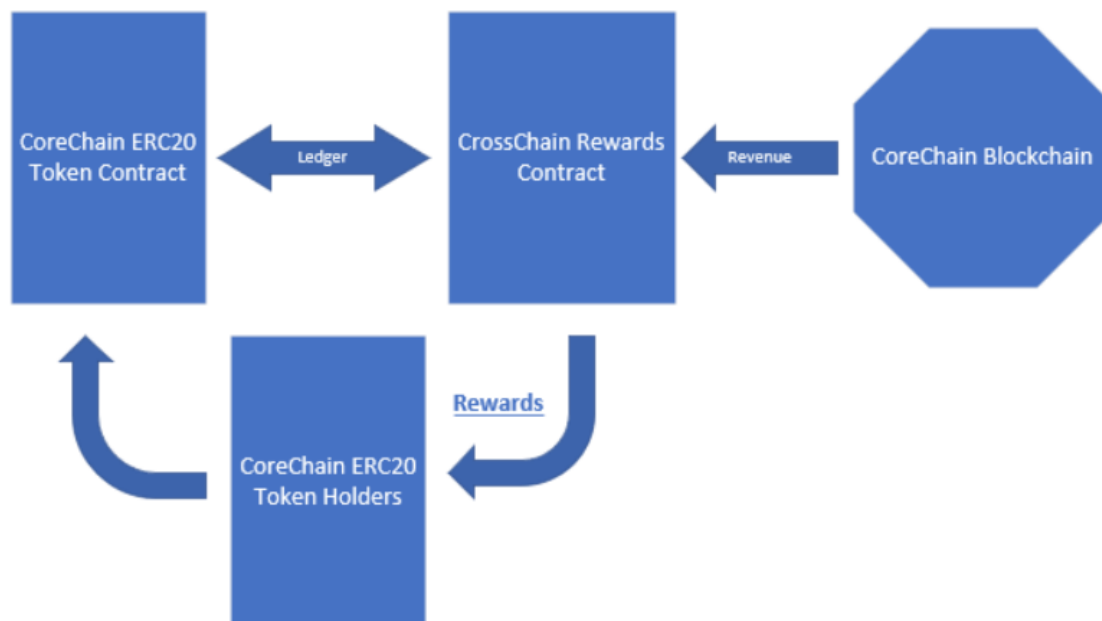
CoreChain's CrossChain Rewards system is our innovative and unprecedented rewards mechanism that allows for an additional income source investors have never experienced before. Acting within layer 3 of our CORE ecosystem, CrossChain rewards utilizes proprietary logic and code to reward CORE token holders as well as our staked liquidity providers. All captive and noncaptive revenue sources are able to be distributed to our holders, regardless of the medium, method, or even originating chain.

CrossChain Rewards is our fully developed and implemented coded logic to allow for cross chain reward distribution through our cross-chain rewards contract integration. CrossChain rewards were developed with our holders and UX being a central pillar in CoreChain, as our holders are a critical part in being successful and therefore need to be rewarded.

Contract Integrations were developed, thoroughly tested, and implemented during the deployment process of our CoreChain ERC20 token contract. The closed loop system allows for our first of its kind rewards contract to maintain a ledger of eligible holders on the transaction level with minimal gas impact. In addition, security and integrity of our utilities is always a top priority with our CrossChain rewards not an exception, so each coding and logical step within the process has been defined in such a way that our utilities never pose a risk to cohesive ecosystem.

Process

- Each transaction with our CoreChain ERC20 token is captured with our proprietary CrossChain Rewards contract
- CrossChain Reward logs each eligible transaction including holder details to maintain its user ledger
- Rewards are generated cross chain through multiple revenue generating sources
- CrossChain Rewards is utilized to deposit and distribute rewards to CoreChain ERC20 holders



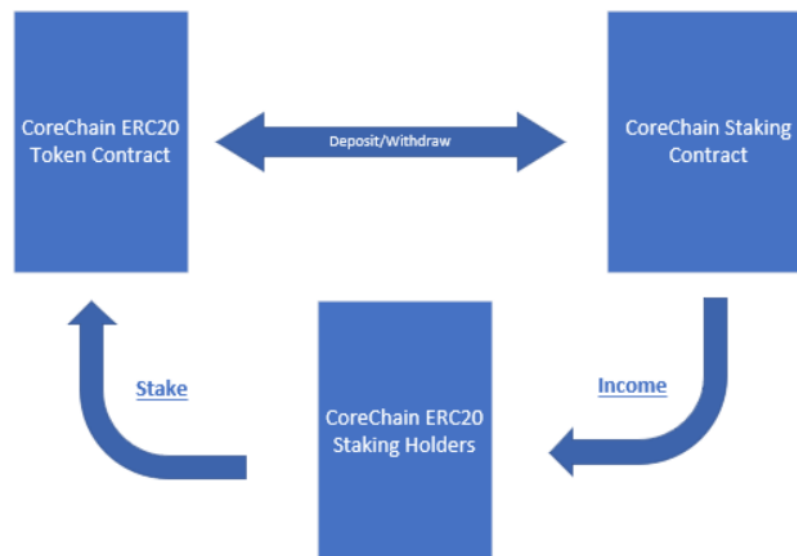
CORE Token Staking

CoreChain is raising the bar when it comes to staking with the incorporation of transfer-less Token Staking into our token and staking smart contracts. This allows for holders to be able to securely hold their tokens while still leveraging our staking utility to produce additional passive income. Staking, including the stability it allows and the benefits for our holders, has been a center focus of CoreChain from inception. This is evident by the meticulous development, testing, and implementation of our token and staking cross contract integration, all completed prior to the CoreChain token launch. We are committed to providing the maximum APY possible while maintaining sustainability and solvency of the chain, as well as supporting the long-term vision and goals of CoreChain.

Following the same development and implementation process as our CrossChain Rewards, our integrated transfer-less token staking was developed, thoroughly tested, and deployed during the launch process of the CoreChain token. These were done in parallel so that the integration could be activated upon launch, and in turn allow for our token staking platform to be available for our users immediately. Initial allocation was provided for staking, as well as a per transaction minimal tax that is incorporated into the CoreChain token contract to further drive sustainability and growth.

Process

- Deposit and Withdrawal functions are incorporated into our token smart contract, with cross contract integration into our staking platform.
- Users stake CoreChain tokens, which triggers the token contract to allot that amount to the users stakingAmount.
- Executing the deposit function then calls our staking contract through our integration to create the parallel transaction
- User can then view all related staking data including wallet specifics and staking contract specifics via our DApp
- Upon withdraw the contracts and integration follow the same process of updating the user's stakingAmount as well as updating data on the staking contract



CORE Liquidity CSR (Creation, Staking, & CrossChain Rewards)

CoreChain continues to drive innovation with our fully developed and integrated tax-free LP CSR (creation, staking, CrossChain rewards) contract, resulting in a seamless liquidity creation and staking experience. Through the development of our LP smart contract and DApp, we have created the mechanism which allows for users to utilize CoreChain and our utilities for start to finish processing of liquidity creation and staking. To continue the UX focus, we developed our contracts to maintain minimal gas fees through this entire process, with the added security of all related functions included in a single transaction record, eliminating the possibility of any loss of value from purchase to liquidity creation.

The Liquidity CSR contract takes two very common aspects, Liquidity Creation and Liquidity Staking, then combines them into a revolutionary process in which tax-free LP is created and staked in a single transaction. This can be accomplished through multiple methods, again focusing on the UX of our contract and utility to produce a simplistic yet sophisticated process.

An integral part of our Liquidity CSR contract is the addition of our CrossChain rewards utility which has been developed and implemented in parallel to our Liquidity CSR contract. Users who utilize our Liquidity CSR to create two passive income methods, through staking rewards as well as our CrossChain rewards. With the same process and mythology, our CrossChain rewards integration into our LP Staking allow for seamless ledger creation and retention, which in turn allows for effortless income.

The methods a user can utilize within our Liquidity CSR contract include Purchase Liquidity, Create Liquidity, and Stake Existing Liquidity.

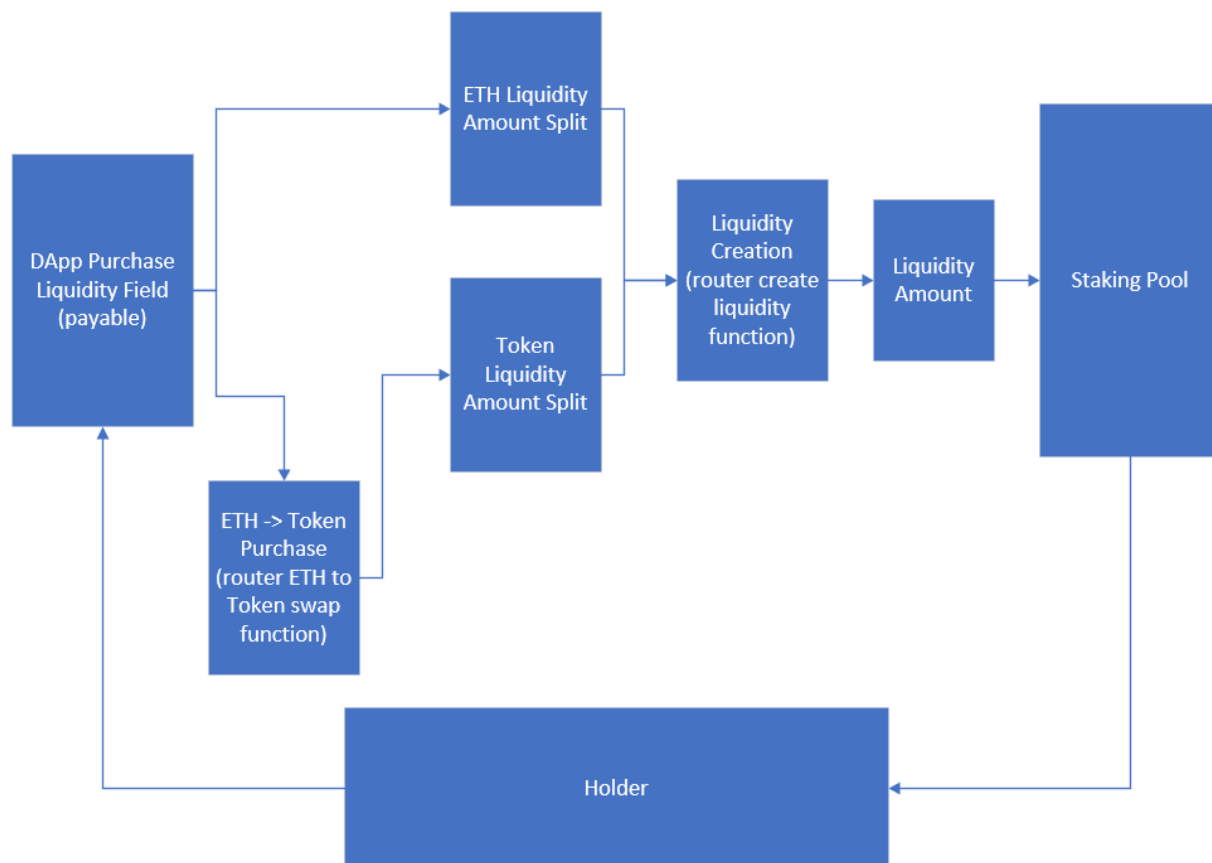
Purchase Liquidity allows for an effortless and seamless method for users to enter an amount of ETH they would like use for the creation, and within one click the smart contract purchases the necessary tokens, creates the liquidity, then auto stakes within the staking contract.

Create Liquidity allows for users to use existing CORE token and ETH they already possess. Users can enter an amount of CORE or ETH and our DApp will assist in filling in the correct Token to ETH ratio based on the existing LP ratio. Within one click the liquidity is generated followed by being auto staked.

Stake Existing Liquidity allows for users who already possess liquidity to stake within our LP CSR

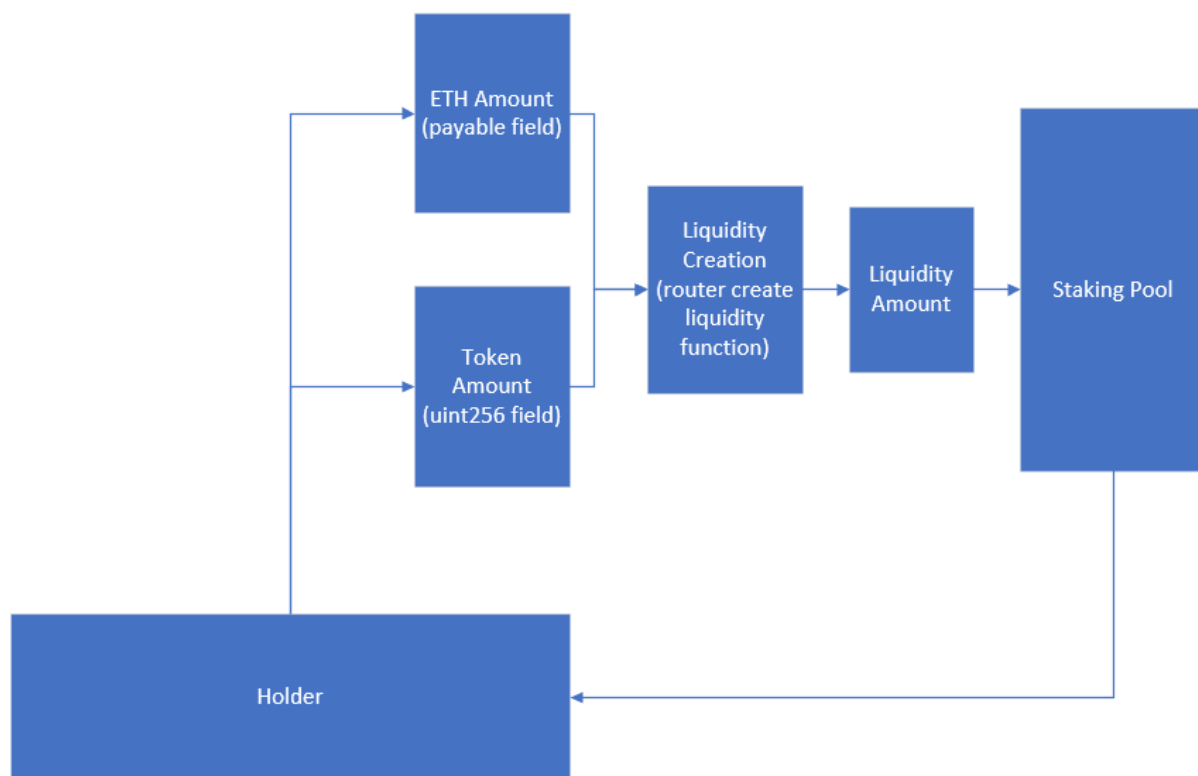
Purchase Liquidity Process

- The user experiences a simple ETH payable contract field where the user enters the amount of ETH they would like to use to purchase LP
- Once an amount is entered, the contract follows an automated and secure four step process
- First the contract takes the amount of ETH defined by the user, splits the amount, and designates the ETH amount as well as the ETH amount to be used for token purchase amount
- Second the contract utilizes a router swap function to purchase CORE tokens using the amount of ETH designated for such purchase in the previous step of the process
- Third the contract accounts for both the amount of ETH designated for LP creation as well as the number of tokens purchased, then utilizes a create liquidity router function to create the liquidity for the user.
- Lastly the contract does a final accounting check of the newly purchased liquidity and in the final step auto stakes the liquidity for the user
- Users are able to unstake, re-stake, and claim rewards at any time



Create Liquidity Process

- The user experiences two fields including a simple ETH payable contract field as well as a uint256 CORE Amount field, both of which display current values of the connected wallet and include max amount options
- The DApp is configured so that an amount of CORE or ETH can be entered and the coding will assist in filling in the correct Token to ETH ratio based on the existing LP ratio
- The user then clicks the create button to initial the following contract process
- First the contract checks and accounts for proper holdings and validity of inputted fields
- Second the contract utilizes the router create liquidity function with the entered ETH and uint256 CORE Amount fields
- Lastly the contract does a final accounting check of the newly purchased liquidity and in the final step auto stakes the liquidity for the user
- Users are able to unstake, re-stake, and claim rewards at any time



Stake Existing Liquidity Process

- The user experiences one uint256 field in which the amount of liquidity they would like to stake is entered. The field shows the connected wallet's liquidity balance as well as a max field
- The enters the amount and clicks the stake button to initiate the staking process
- The contract does a final accounting check of the entered liquidity amount and in the final step auto stakes the liquidity for the user
- Users are able to unstake, re-stake, and claim rewards at any time