

# KREDICT

## ICO Crypto Token Selling System

### What is an ICO System?

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An initial coin offering (ICO) or initial currency offering is a type of funding using cryptocurrencies. It is often a form of crowdfunding, although a private ICO which does not seek public investment is also possible. In an ICO, a quantity of cryptocurrency is sold in the form of “tokens” (“coins”) to speculators or investors, in exchange for legal tender or other (generally established and more stable) cryptocurrencies such as BNB or Ether.

### Supported Blockchains

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1. Binance Smart Chain
2. Ethereum

### What does the KREDICT Presale System offer?

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KREDICT Presale System is a system that offers Token Launchpad, Token ICO, Token Presale, and Crowdsale with all the details listed on the Dynamic webpage like Tokenomics, Roadmap, Whitepaper, Project Details, Project Owners, Contact Details, etc. From this system, anyone can host their Token’s presale with all the features and benefits of having its own dedicated website on the name of the Token itself.

### Presale Smart Contract

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The Smart contract implements Presale functionality for a specific token (KDT Token in Sample). Users can buy this listed Token using Blockchains native Tokens such as BNB or Ether.

### Functions available in Presale Smart Contract

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- startPresale (This function sets the parameters for the token to be sold in the Presale. Only the admin of the project has the authority to call this function.)
- stopPresale (This function is used to stop the Presale. Only the project's admin has the power to call this function.)
- buyTokens (External function called by user to buy sale Tokens.)
- collectOwnableAmount (Admin can use this function to collect all the left BNB/Ether from the Smart Contract)
- collectLeftTokens (Admin can use this function to collect all the left Tokens after the Presale is over)

## Requirements

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- Domain Name
- Hosting with Node.js Support

*Buyers can rest assured about all the other requirements because they don't have to do all these things on their own as we set up the whole application for them.*

## Features

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- Powered by Web3.
- Buy Token directly from the form.
- Can Buy Token buy directly sending BNB/Ether to Smart Contract Address
- Modern & Complete user interface.
- Running with Next.js
- Solidity Smart Contract
- Presale Countdown Timer.
- Live Statistics
- Withdraw tokens anytime from the Presale contract
- KREDICT support

## Quick Start Guide

KREDICT Presale System is a system that offers Token Launchpad, Token ICO, Token Presale, and Crowdsale with all the details listed on the Dynamic webpage like Tokenomics, Roadmap, Whitepaper, Project Details, Project Owners, Contact Details, etc. From this system, anyone can host their Token's presale with all the features and benefits of having its own dedicated website on the name of the Token itself.

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**Note:** We'll set up the whole application for you without any extra cost just contact us at [support@kredict.com](mailto:support@kredict.com)

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**The Steps for setting up this application are mentioned below.**

### How do Setup it up?

For Installing this application the following software is required

- Node.js
- Remix IDE
- Code Editor (eg: Visual Studio Code)
- Metamask
- Domain Name
- Hosting (CPanel Enabled)

After all the requirements are installed, the application is built using the command

***npm build***

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After the build is successful

All the build code including the folder ``.next`` is pushed to CPanel File Manager

*Note: A Nodejs application must be created prior to this step*

\*Configure the Node.js Application by mentioning the folder name where you've uploaded the source code.

Run the command

***npm install***

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After the successful execution of the command, press the button

`start app`

After this, the application must be live on the Domain name.

## **What about Smart Contracts?**

Our KREDICT Team will deploy a Smart Contract for your ICO Application,

Have will provide a Contract Address and Contract ABI.

Add that smart contract to the file

- components/cover.js
  - contractAddress
  - contractABI

## **How to create a Node.js Application on CPanel?**

For deploying the Application on the Server, we've to create a Nodejs application on our CPanel hosting.

- Open CPanel
- Scroll Down until you find
  - Setup Nodejs Application
- Click on it
- Now you can see a button named
  - Create New Application
- Now click on it
- Enter All the Details
  - Nodejs Version 14.18.3
  - Production
  - Application root (where you've uploaded the application's source code)
  - Application URL (your Domain Name)
  - Application Startup file: server.js (Available in source code's Root)
- Click on Create

After the application is created you can follow the steps mentioned above as ( \* )

## How does the System work?

Now, we're going to see how the KREDICT ICO System in action

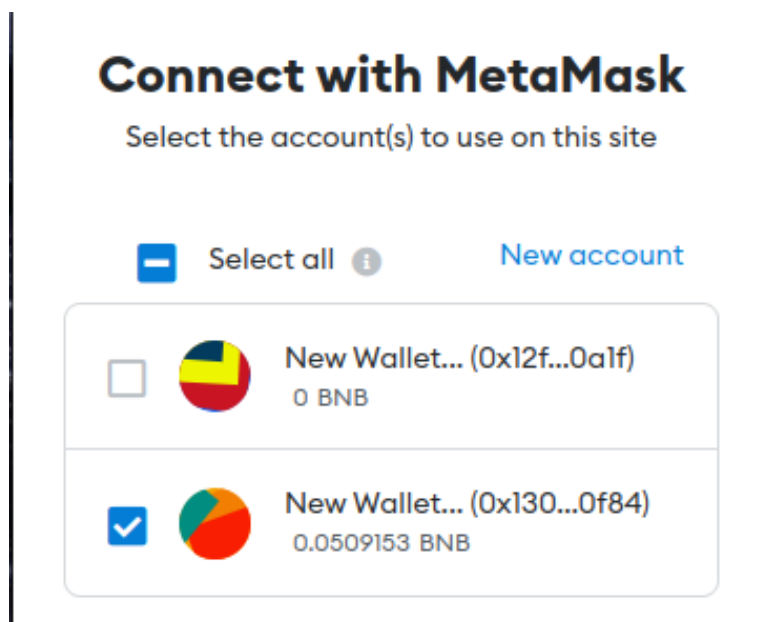
### Step 1



There is a `Connect Wallet` button available in the top navigation bar, which is used to connect our Metamask or another wallet to the Website.

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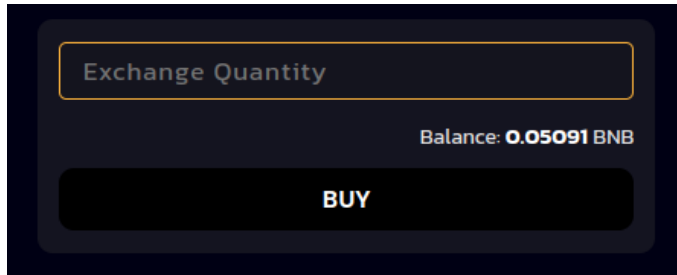
### Step 2



On clicking connect wallet Button, Metamask prompts and asks for permission, Here you have to select your account and click next and then connect.

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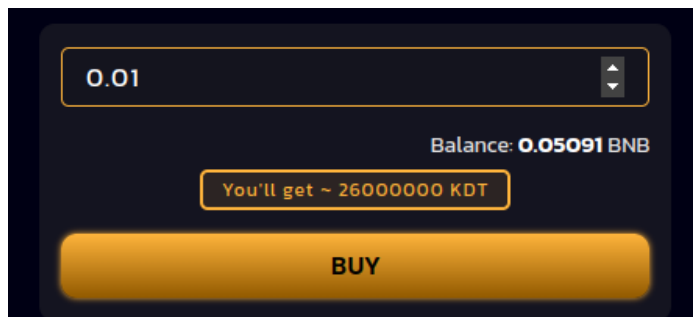
### Step 3



Now, you can see the running presale, here just enter the amount of which you want to buy Tokens.

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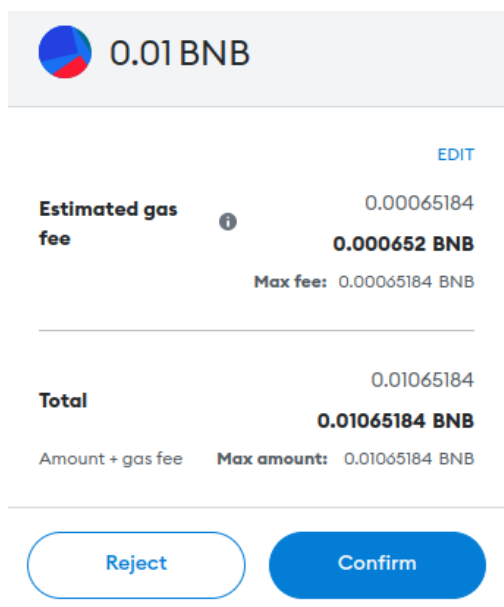
### Step 4



After entering the valid amount, click the `BUY` button

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### Step 5



0.01 BNB	
<a href="#">EDIT</a>	
Estimated gas fee	0.00065184
	<b>0.000652 BNB</b>
	Max fee: 0.00065184 BNB
<hr/>	
Total	0.01065184
	<b>0.01065184 BNB</b>
Amount + gas fee	Max amount: 0.01065184 BNB
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<a href="#">Reject</a>	<a href="#">Confirm</a>

On this step, Metamask Prompts to approve the payment to purchase token.

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### **Step 6**

When you approve the payment, and if it is successful the Token is automatically credited to your wallet.

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