**Doodle Workshop Guide**

# Overview

This is the workshop for clients to create their own work and sell them by CREW token.

# Workshop flow

## Admin

Administrator has the privilege to set constants and gather rewards from started works.

Only the Administrator can see this menu.

### Set Constants

There are 4 admin constants in the doodle workshop.

-          Manager address

The admin address

-          Minimum Stake Amount for One Work(%)

This means that the client can create his work which has a stake amount at least this value. E.g. If this value is 10, the client can create his work with at least 10 CREW stake amounts.

-          Client Stake Rate for One Work(%)

This means that the client must stake first to his work to create work. This value sets the rate of stake. E.g. If a client creates work with 10 CREW stake amount and this value is 10 then he must stake 1 CREW at the create stage. To avoid trivial tasks, this is important.

-          Manager Earn Rate for One Work(%)

This means that the manager also can earn when the client's work starts successfully. If the staked amount of the work is greater than stake amount and the start\_time expires then the work starts and client can gain reward. Just after the client gathers rewards, the admin can gather the left rewards.

This value sets the rate of the manager's profit.

The correct value of earnings is calculated as follows.

E.g. When work is created within 10 CREW stake amount and accounts staked 12 CREW. And if the Manager Earn Rate is 20% then

the client can get reward: 10 CREW \* 80% = 8 CREW

the manager can get reward: 10 CREW \* 20% + (12-10) CREW = 4 CREW

This is implemented as we don’t show the real staked amount to the clients and accounts. So the accounts stake their favorite works though the threshold is overcome. And the clients also don’t know how much CREW really staked, just whether it is bigger than threshold or not.

### Reward

As I mentioned before, the manager can get a reward for starting work.

And even the manager can remove the old works.

## My Works

This menu is for creating and rewarding works. Wallet user acts as the client.

### Create

There are many fields to create work.

-          Work Title

The title of the work.

-          Work Description

The description of the work.

-          Work URL

The main secret data for accounts. Though the work is created, this field is hidden until the work starts.

-          Start Datetime of your work

This field sets the start time of the work. Though this time expires, if the real staked amount is smaller than the total amount, the work does not start. When a new user stakes and the total amount exceeds then the work starts automatically.

-          Total stake amount of your work

This field sets the total stake amount to start work. According to this value, the client's self stake amount is calculated automatically by using the admin value-client stake rate.

-          Each Account’s minimum stake amount for your work

This field sets the minimum value of the account's stake amount. The accounts must stake larger than this value.

### Reward

On this page, clients can get rewards from their work. This page only shows the works created by the client and running.

On this page, client only can see the required amount of his work and get rewarded according to the manager Earn Rate value set on the admin/constant page.

## Stake Work

This page shows the works created by other users. Wallet user acts as an account.

Account can take care of the interesting work which is not started, and can refund when the work is not started though the start time passed.

When at stake, the account can set his start time and end time, but the end time must be later than work’s start time. This only allows the account to refund just when the work started normally.

Account also can see his stake information.

When the work starts, the URL field is shown and accounts can press this link to enjoy work.

# Todo

In the main page and the Support menu’s pages, there are many default letters from the template.

Though the images are usable, the letters must be changed.

As I am not a writer, I can describe the main logic like this, but writing a literary guide does not match for me.

So if you prepare the contents of the pages, I will replace them. (And even more images)

The most important is the banner image, currently using Juno image.

That’s all.

And the contract problem.

Frankly I did not make any backdoors. However, ask the auditors if you want.

Best…