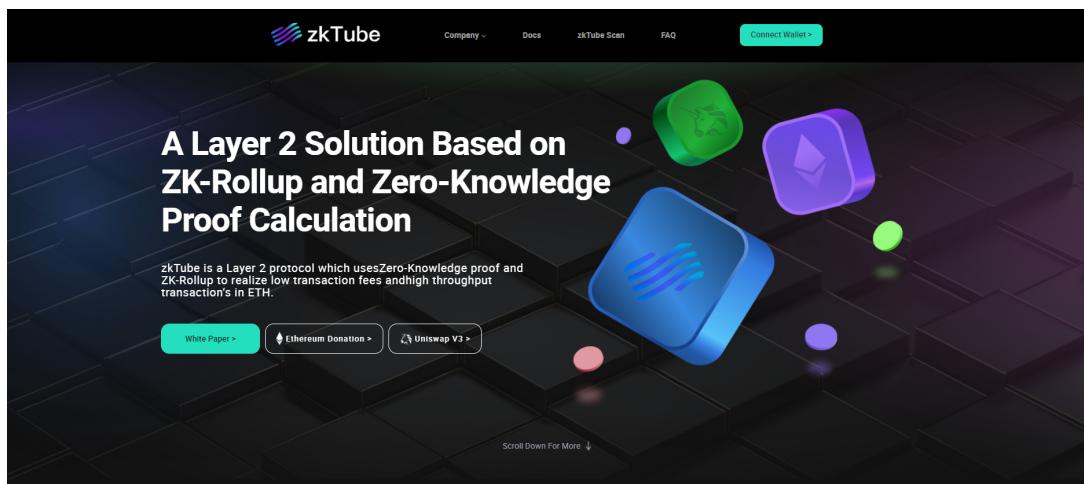


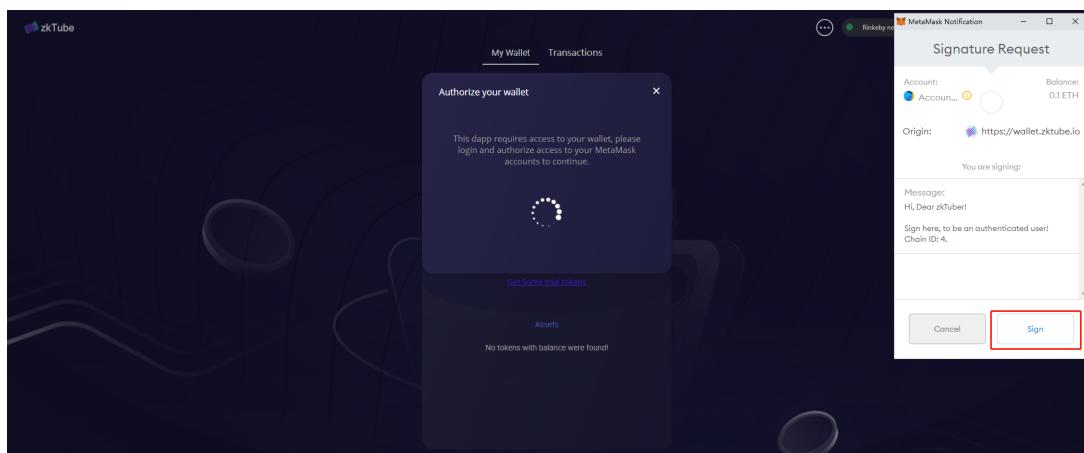
zkTube Mainnet Simulation Mining Tutorial

I. Steps to Receive ZKTR

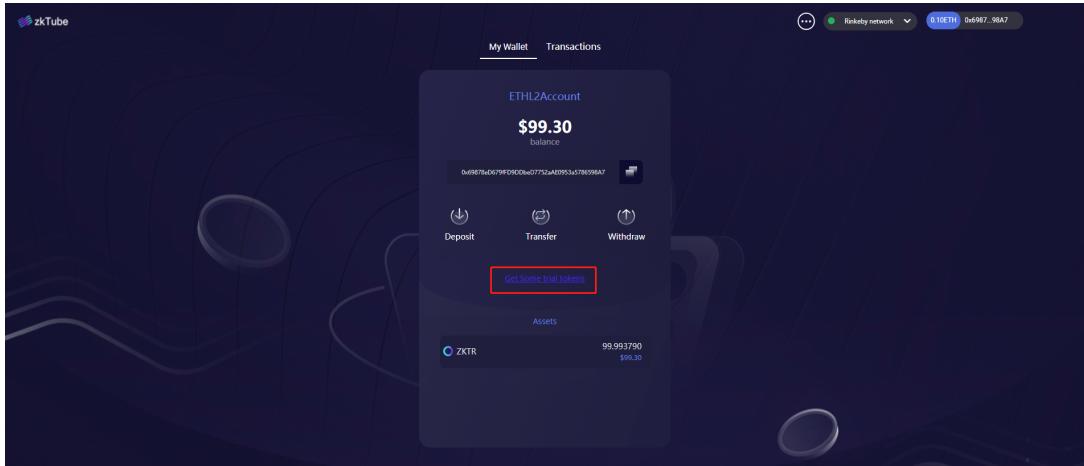
Step 1: Enter the official website <https://zktube.io/> and click the [Connect Wallet] button;



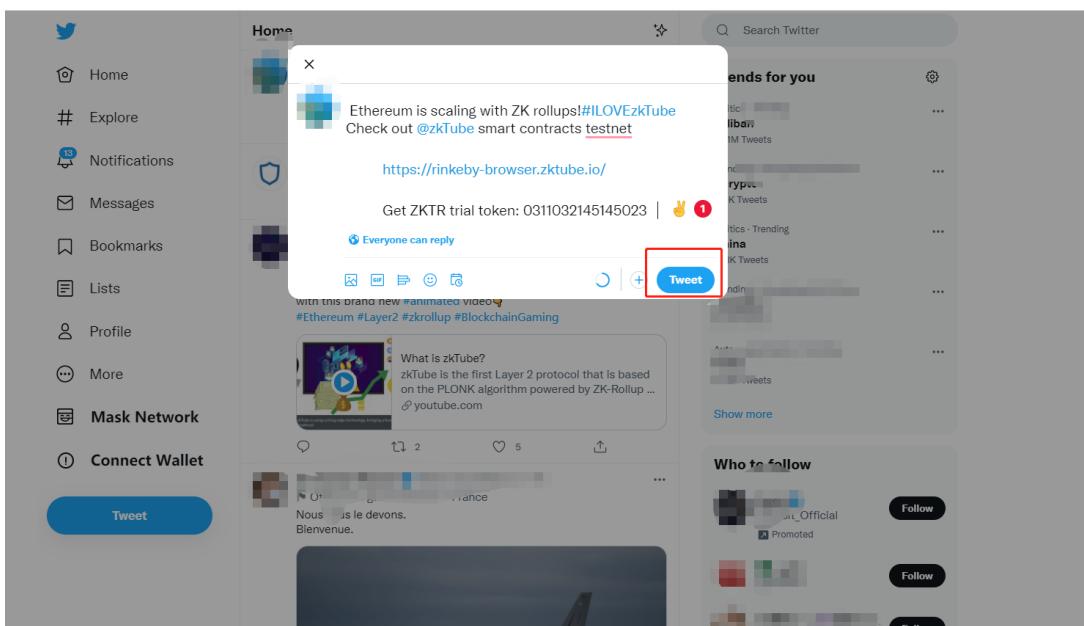
Step 2: Connect to the MetaMask wallet and ensure that the wallet network is in the Rinkeby environment;



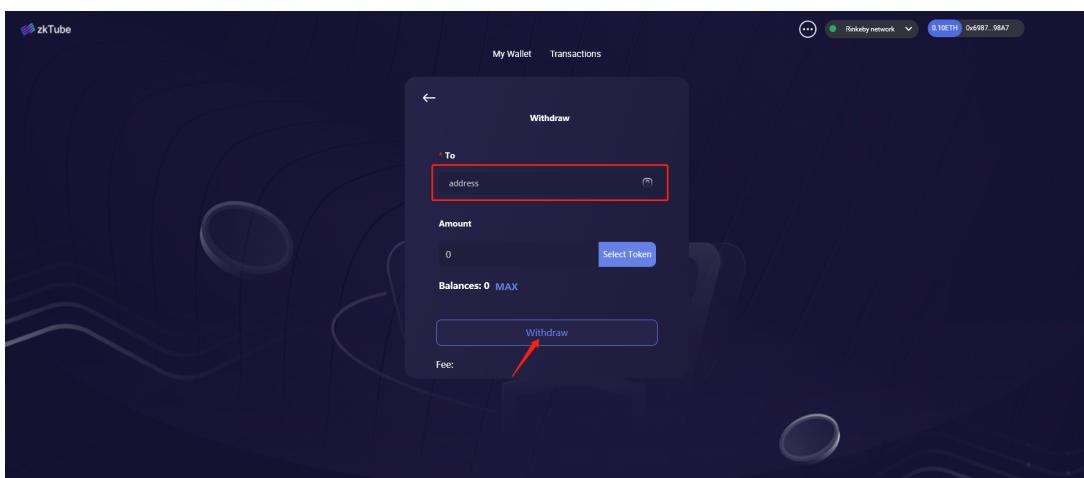
Step 3: Click [Get Some trial tokens] to get ZKTR;



Step 4: Connect to Twitter, click [Tweet] and zkTube L2 account will receive 2,500 ZKTR after a successful tweet;



Step 5: Withdraw ZKTR from zkTube L2 account to PayTube L1 account directly;



Step 6: Ways to download PayTube Wallet.

a. Download it by scanning the QR code below



b. Download it through the App store

Android: <https://play.google.com/store/apps/details?id=com.paytube.wallet.zk wallet>

iOS: <https://apps.apple.com/us/app/paytube/id1574456998>

II. ZKTR Mapping to ZKT Process

Step 1: Click the [Whitelist Mapping] section to the Mapping page;



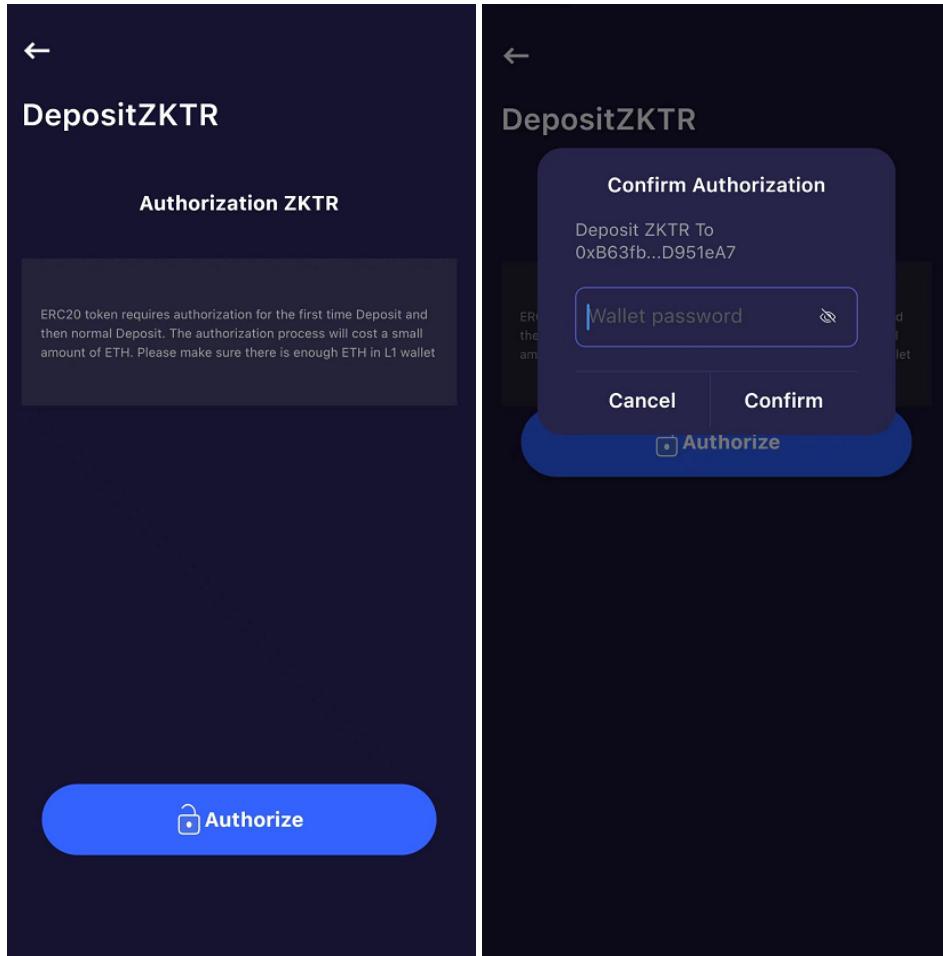
Step 2: Click [+] to select the Mapping account;

The image contains two side-by-side screenshots of the "Whitelist Mapping" screen in the PayTube Wallet app.

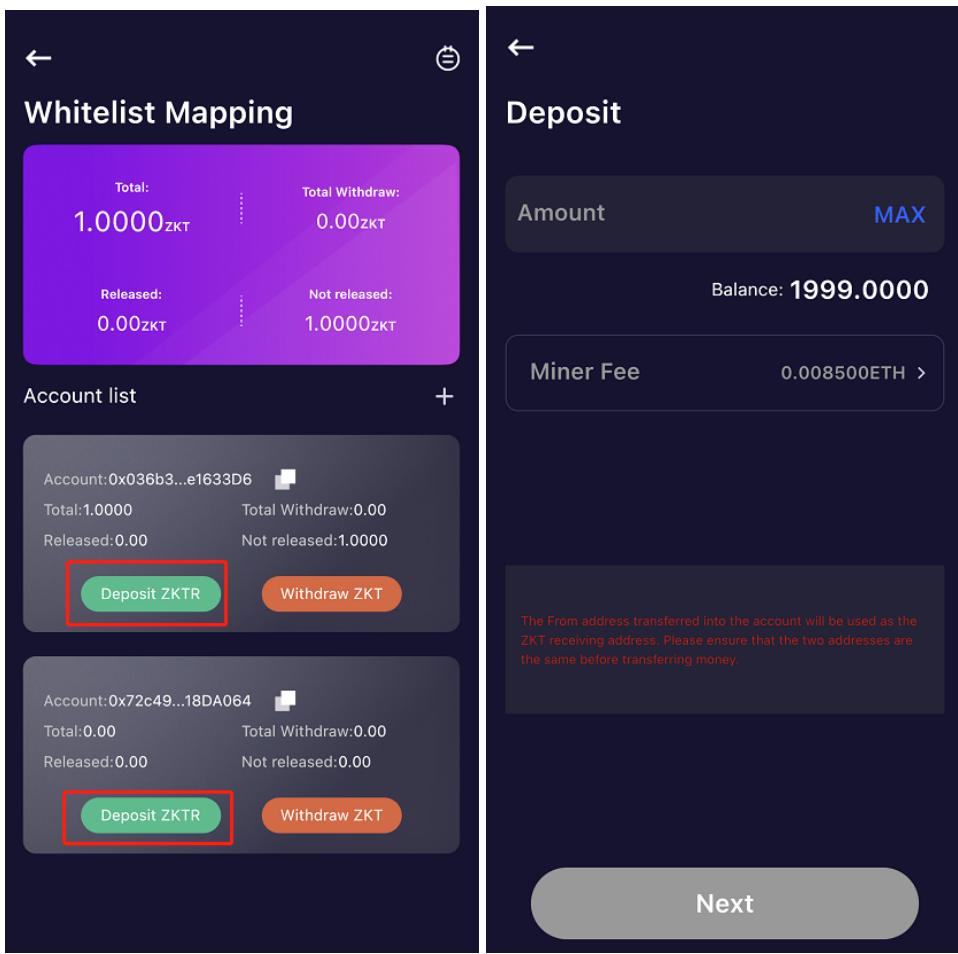
Left Screenshot: Shows the main "Whitelist Mapping" screen. It displays account statistics: Total 1.0000 ZKT, Total Withdraw 0.00 ZKT, Released 0.00 ZKT, and Not released 1.0000 ZKT. Below this is an "Account list" section with a green "Deposit ZKTR" button and an orange "Withdraw ZKT" button. A red box highlights the "+" button at the top right of the account list area.

Right Screenshot: Shows the "Add Account" modal. It lists three accounts: "ETH L1/Dave 1" (0x036b3...e1633D6), "ETH L1/Dave 2" (0xE458A...9702C1A), and "ETH L1/Dave 3" (0x72c49...18DA064). Each account has a "Mapping account" badge. At the bottom of the modal is a "Import wallet" button.

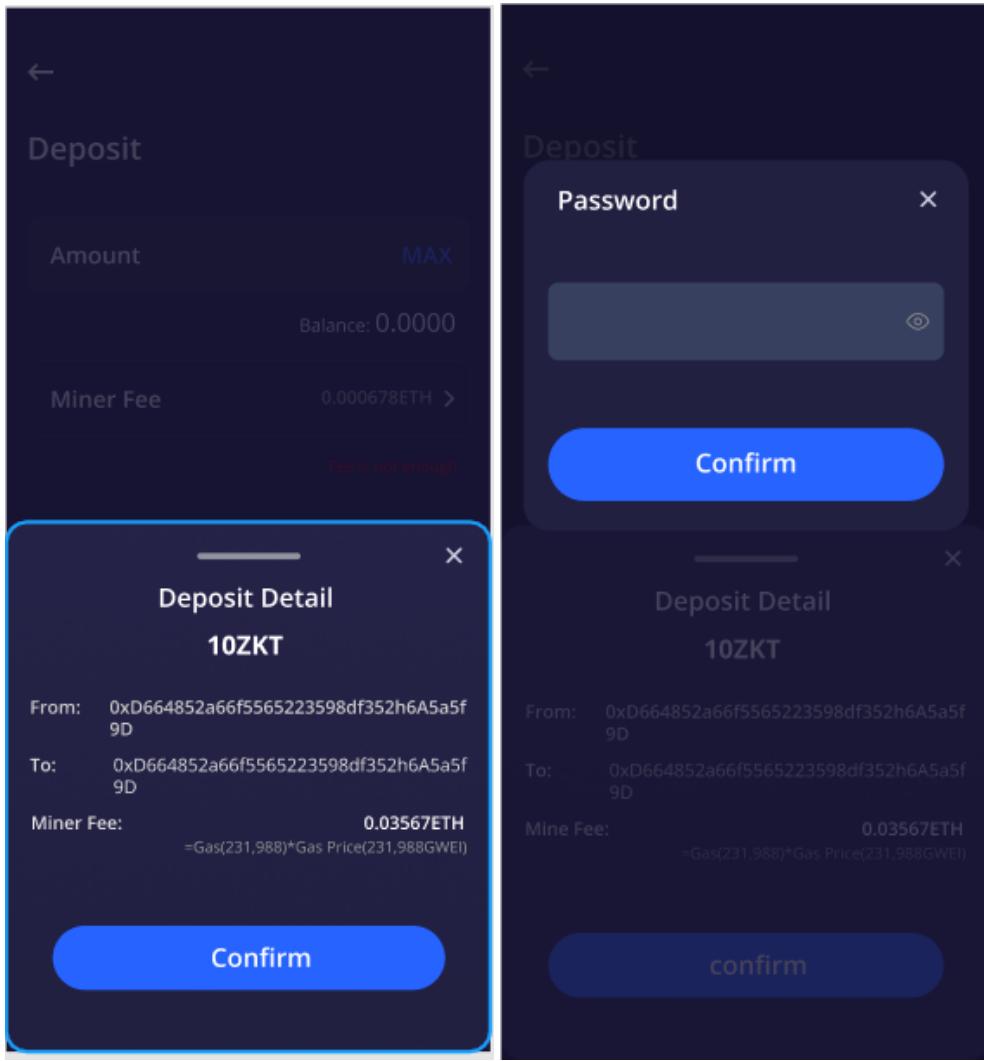
Step 3: Authorization is required for the first time to Deposit ZKTR, click [Authorize] and confirm the authorization, if it's successful, please go to Step 4;



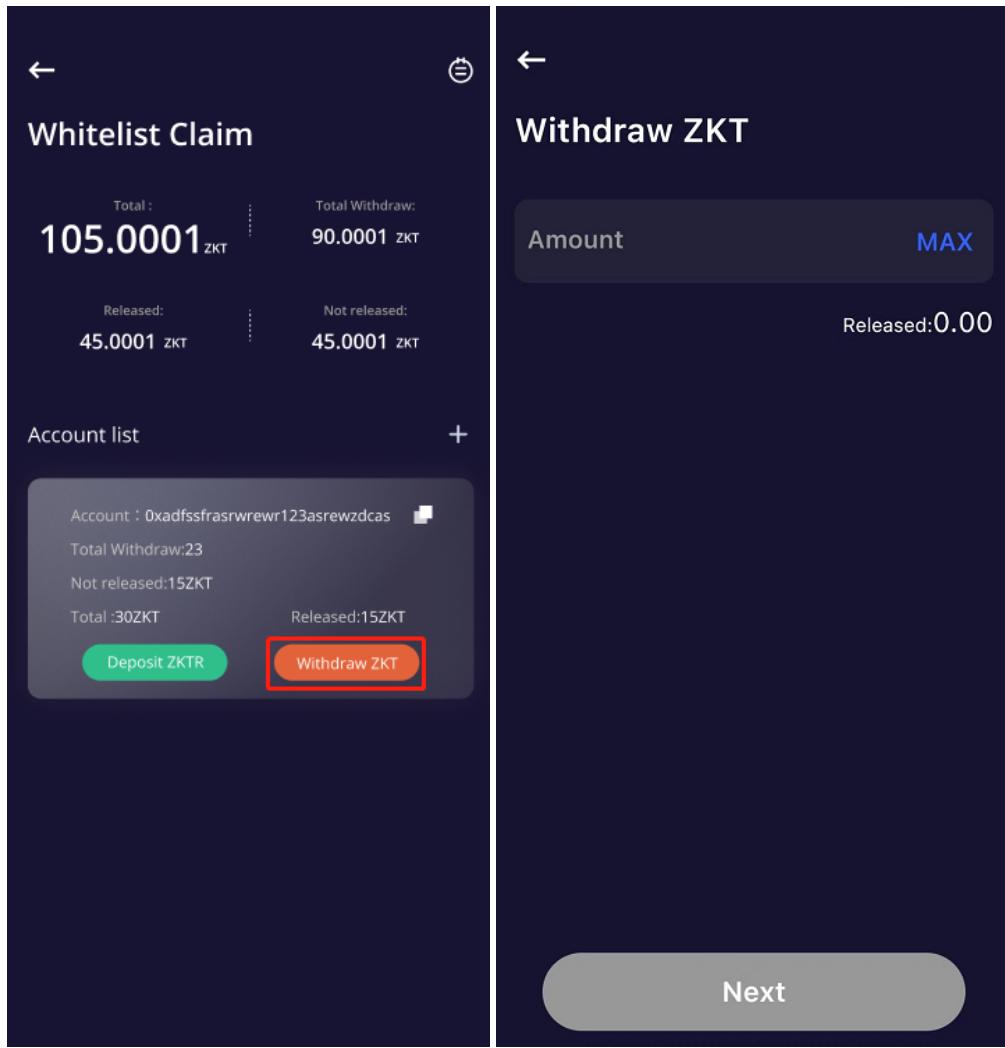
Step 4: Click the [Deposit ZKTR] button and input the quantity of ZKTR that needs to be mapped. Before Deposit ZKTR, please ensure that there is a small amount of ETH in this account as Gas fee;



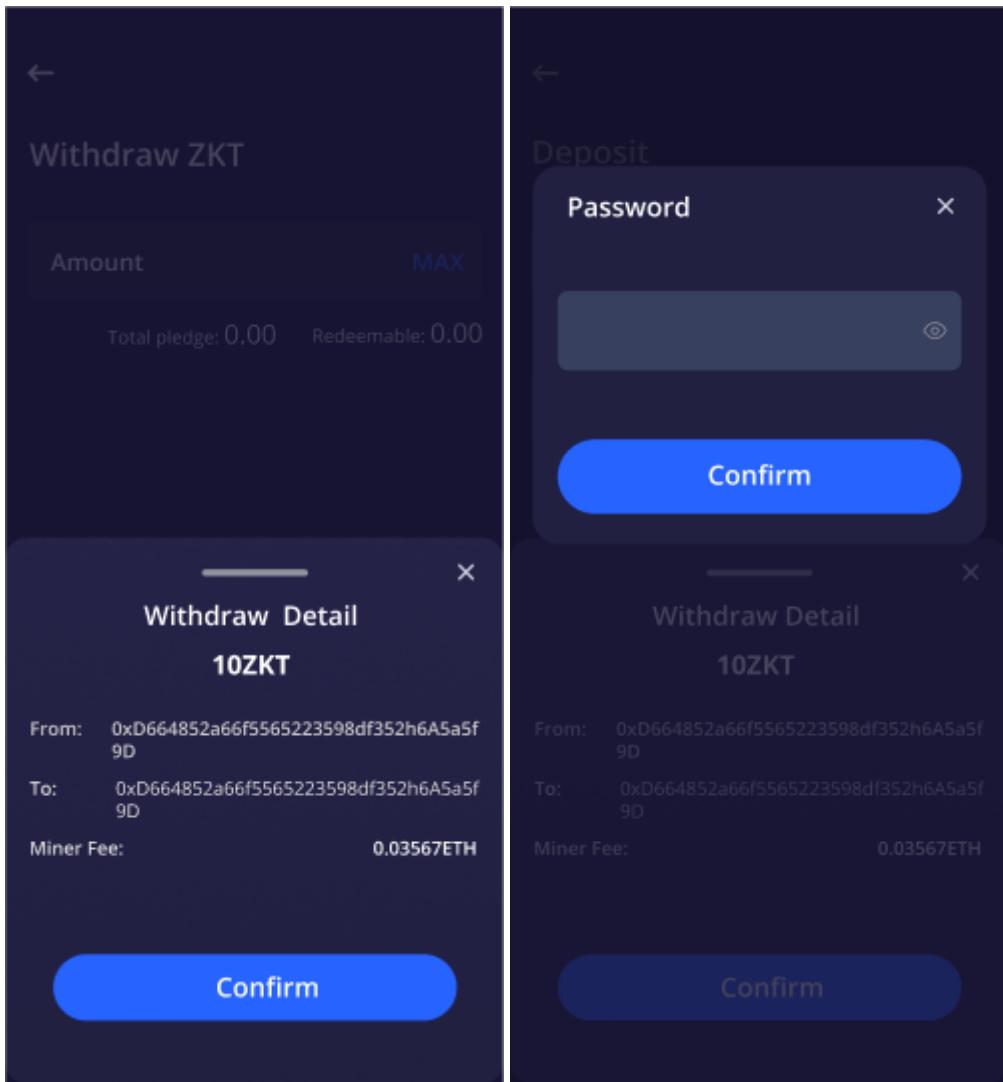
Step 5: Confirm the order and enter the password, click 【Confirm】 to complete the ZKTR Mapping, return to the home page to view the quantity of ZKT;



Step 6: The ZKT can be withdrawn to the wallet, click [Withdraw ZKT], enter the amount of Withdraw and click the **【Next】** button;



Step 7: Confirm the order and enter the password, click 【Next】 to complete the ZKT Withdraw;



III. ZKT Staking Process

Step 1: Click the [Tickets for miners] to the Staking page;

Tickets for miners

•🔒 **28.0000** ZKT

Miner tickets change with the number of online miners dynamically, to ensure ZKT is sufficient.

Earn *PayTube Wallet*

01

•⛏ **142.1875** ZKTT

Mining revenue

Connect to the wallet and get mining revenue

02

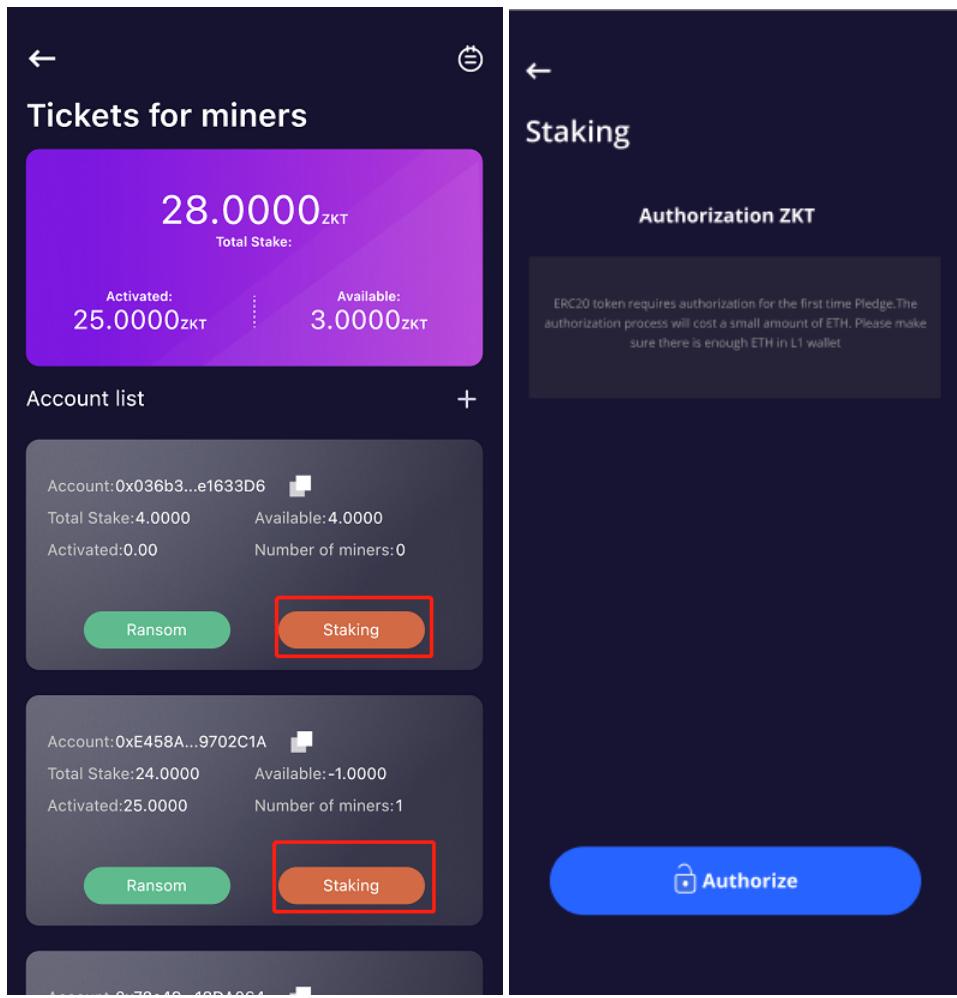
•📋 **1.0000** ZKT

Whitelist Mapping

Map the ZKT corresponding to the main network through ZKTR

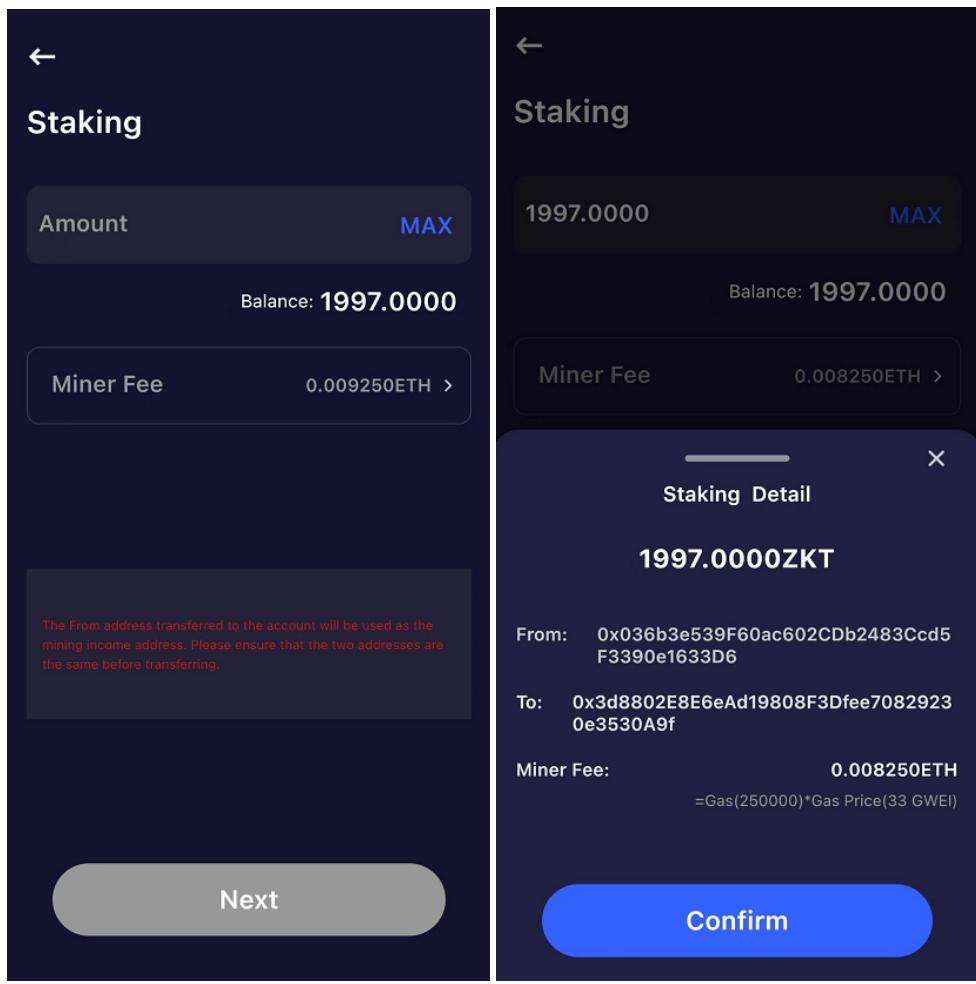


Step 2: Authorization is required for the first time to Stake ZKT, click [Authorize] and confirm the authorization, if it's successful, please go to Step 3;



Step 3: Input the Staking amount, confirm the order and enter the password to complete the ZKT Staking. After the Staking is successful, you can start the mining program to perform normal mining.

Note: The address of the Staking account must be consistent with the revenue address of the mining program, otherwise the mining program cannot be started.



Step 4: Each Staking amount can be redeemed only after one year, click [Ransom] for redemption. Click the Staking account to view the list of mining machines;

Tickets for miners

28.0000 ZKT
Total Stake:

Activated: 25.0000 ZKT Available: 3.0000 ZKT

Account list +

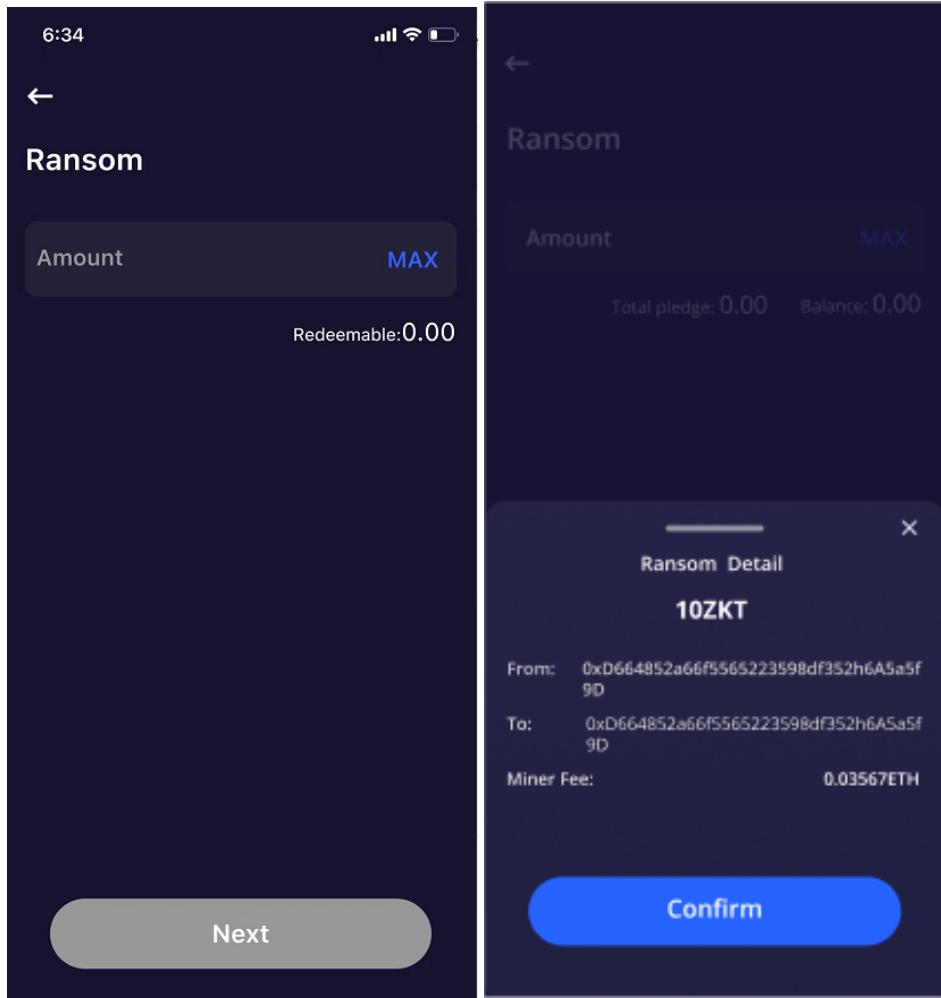
Account	Total Stake	Available	Activated	Number of miners
0x036b3...e1633D6	4.0000	4.0000	0.00	0
0xE458A...9702C1A	24.0000	-1.0000	25.0000	1
0x72c49...18DA064				

Ransom Staking

Account details

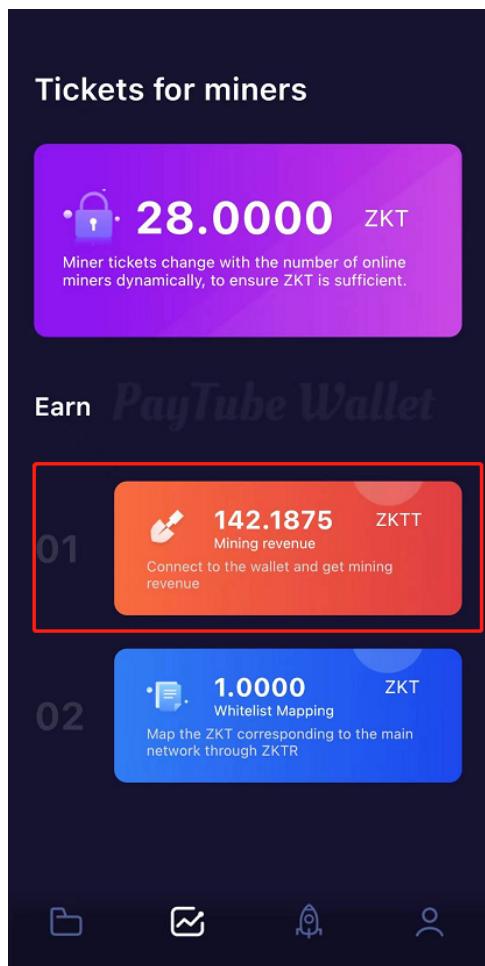
Name : beta46-2 Staked : 25.0000
Hardware: 32G 63core State: Online
Time: 2021-08-18 17:10:20

Step 5: Any Staking can only be redeemed if it meets the requirement of one year. Enter the redemption amount and confirm the order. Click **【Confirm】** and enter the password to complete the redemption operation.



IV. Mining to Obtain ZKTT Process

Step 1: Click the [Mining revenue] to its page;



Step 2: Show all mining accounts, click [Gain] to enter the Mining revenue page, click account to view the list of mining machines;

Mining revenue

Total Revenue:	Settled:
149.6875zkTT	53.7500zkTT

Released:	Not released:
53.7500zkTT	0.00zkTT

Account list

Account:0x036b3...e1633D6

Total Revenue:0.00	Settled:0.00
Released:0.00	Not released:0.00
Number of miners:0	

Gain

Account:0xE458A...9702C1A

Total Revenue:149.6875	Settled:53.7500
Released:53.7500	Not released:0.00
Number of miners:1	

Gain

Step 3: To view specific mining details, please visit zkTube Scan browser;

Link: <https://rinkeby-browser.zktube.io/>

zkTube Rinkeby Block Explorer

block number, tx hash, state root hash, account address

Block Number	Status	New State Root	Accepted At	Assignment Numbers	Verified At
2956	✓ Verified	1988994a4785...	2021-08-20 14:04:04 UTC	4917 4920	2021-08-20 14:11:28 UTC
2955	✓ Verified	14cb8b1a3dea...	2021-08-20 14:01:37 UTC	4913 4916	2021-08-20 14:06:25 UTC
2954	✓ Verified	22ba29959f8b...	2021-08-20 14:00:24 UTC	4912 4915	2021-08-20 14:06:25 UTC

Step 4: Click [Next] to confirm the order, click [Confirm] again and input the password to complete the Gain operation.

