



HappyCoin (HAPPY)

BEP-20 Audit

Performed at block 6819627

PERFORMED BY DESSERT FINANCE
FOR CONTRACT ADDRESS: 0XB0B924C4A31B7D4581A7F78F57CEE1E65736BE1D

INITIAL DISCLAIMER

Dessert Finance provides due-diligence project audits for various BSC projects. Dessert Finance in no way guarantees that a project will not remove liquidity, sell off team supply, or otherwise exit scam.

Dessert Finance does the legwork and provides public information about the project in an easy-to-understand format for the common person.

Agreeing to a project audit can be seen as a sign of confidence and is generally the first sign of trust for a project, but in no way guarantees that a team will not remove liquidity (“Rug Pull”), sell off tokens, or completely exit scam. It is ultimately your responsibility to read through all documentation, social media posts, and contract code of each individual project to draw your own conclusions and set your own risk tolerance.

Dessert Finance in no way takes responsibility for any losses, nor does Dessert Finance encourage any speculative investments. The information provided in this audit is for information purposes only and should not be considered investment advice.

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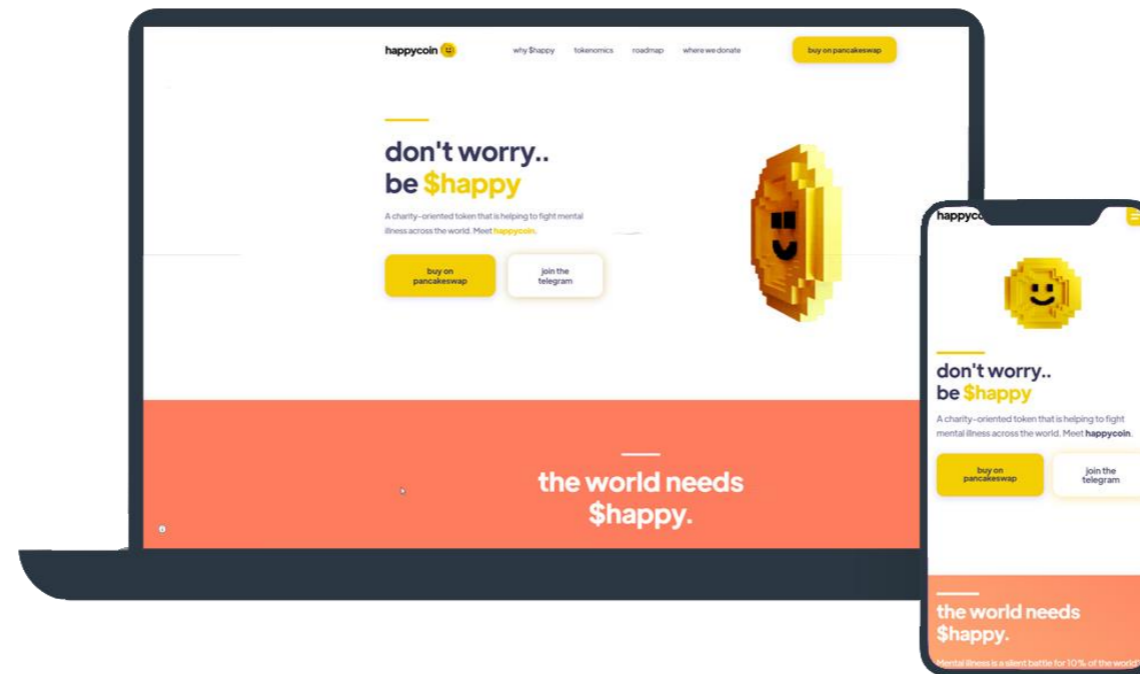
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Website Part 1 – Overview

www.thehappycoin.co

Website Preview & Mobile Test



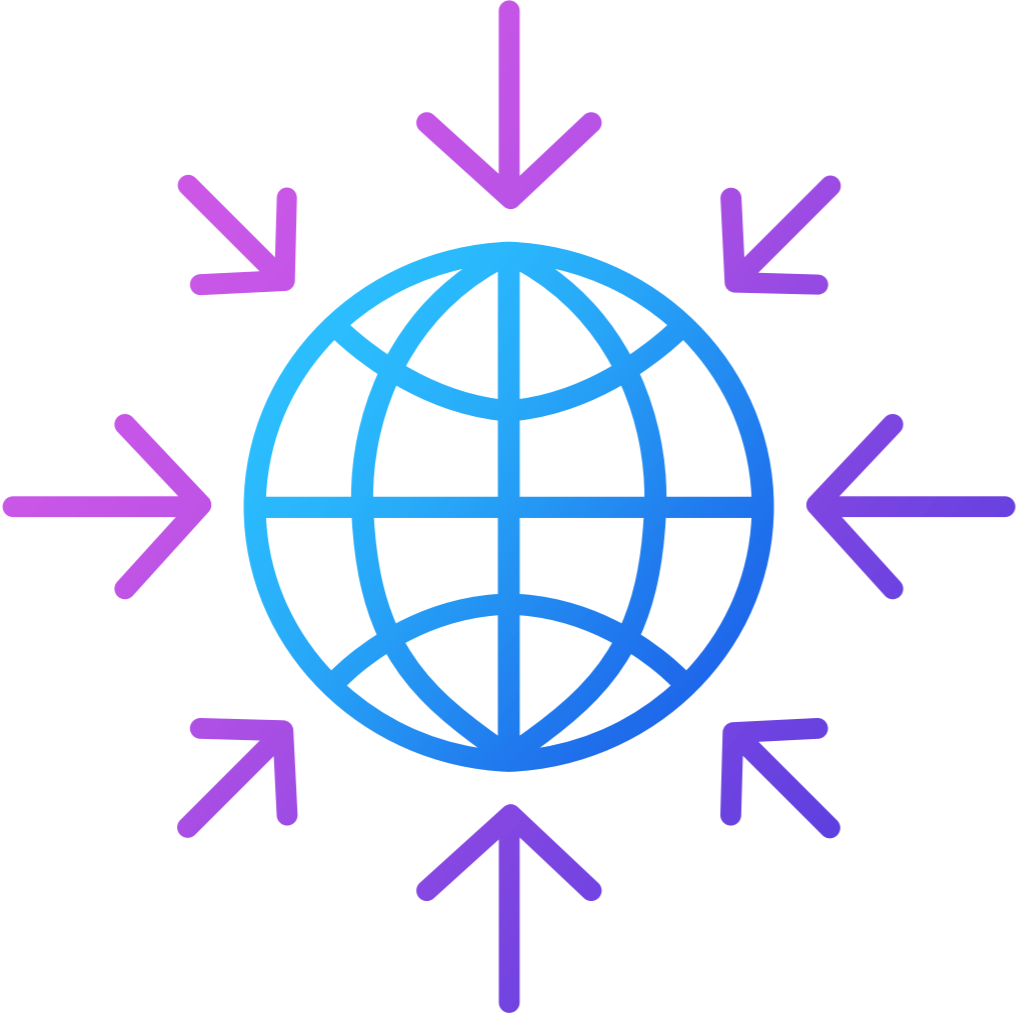
Above images are actual snapshots of the current live website of the project.

Website was registered on 03/31/2021, registration expires 03/31/2025.

HappyCoin is registered for 4 years which exceeds the 3 year minimum that we recommend.



Website Part 2 – Checklist



- ✓ Responsive
- ✓ No JavaScript Errors
- ✓ Spell Check
- ✓ SSL Certificate

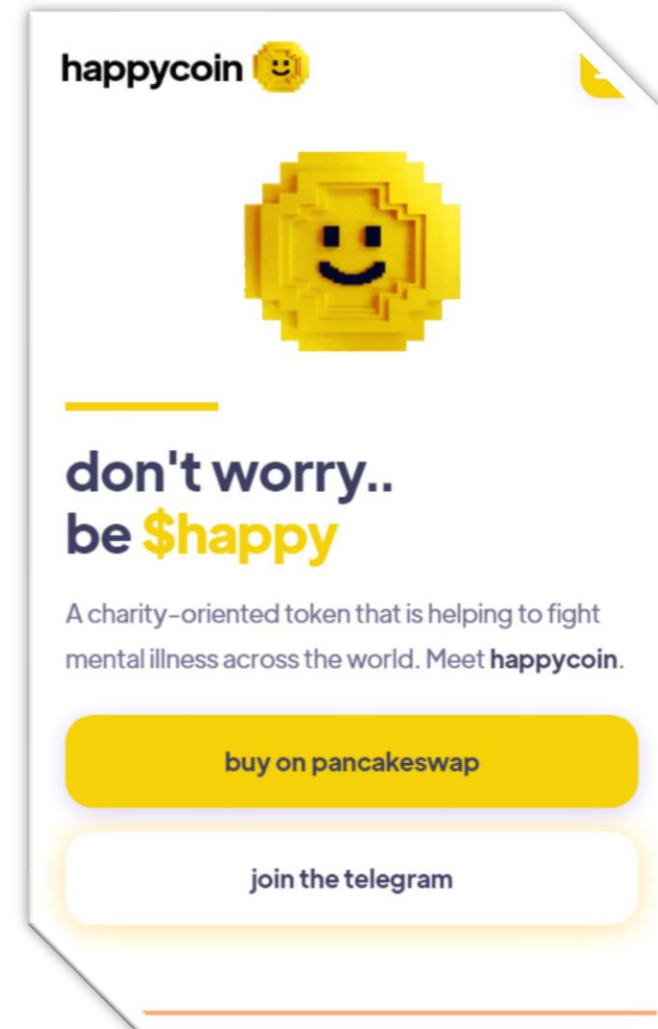
The website contained no JavaScript errors, typos, or grammatical errors and we found a valid SSL certificate allowing for access via https.

No issues were found on the website.

Website Part 3 – Responsive HTML5 & CSS3

No issues were found on the responsive check for the website. All elements loaded properly and browser resize was not an issue. The team has put a considerable amount of thought and effort into making sure their website looks great on all screens.

Console check for any severe JavaScript errors came back clean. No issues with loading elements, code, or stylesheets.



Website Part 4 (GWS) – General Web Security



SSL CERTIFICATE

A valid SSL certificate was found. Details are as follows:

Offered to:
www.thehappycoin.co

Issued by: R3

Valid Until: 07/19/2021

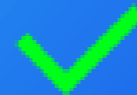


CONTACT EMAIL

A valid contact email was found on the official website. Contact email is listed as shown below:

Contact

contact@thehappycoin.co



SPAM / MALWARE / POPUPS

No malware found

No injected spam found

No internal server errors

No popups found

Domain is marked clean by Google, McAfee, Sucuri Labs, & ESET



BEP-20 Contract Audit – Common Vulnerabilities

```
contract HappyCoin is Context, IERC20, Ownable {
    using SafeMath for uint256;
    using Address for address;

    mapping (address => uint256) private _rOwned;
    mapping (address => uint256) private _tOwned;
    mapping (address => mapping (address => uint256)) private _allowances;

    mapping (address => bool) private _isExcludedFromFee;

    mapping (address => bool) private _isExcluded;
    address[] private _excluded;

    uint256 private constant MAX = ~uint256(0);
    uint256 private _tTotal = 1000000000 * 10**6 * 10**9;
    uint256 private _rTotal = (MAX - (MAX % _tTotal));
    uint256 private _tFeeTotal;

    string private _name = "HappyCoin";
    string private _symbol = "HAPPY";
    uint8 private _decimals = 9;

    uint256 public _taxFee = 5;
    uint256 private _previousTaxFee = _taxFee;

    uint256 public _liquidityFee = 5;
    uint256 private _previousLiquidityFee = _liquidityFee;

    IUniswapV2Router02 public immutable uniswapV2Router;
    address public immutable uniswapV2Pair;

    bool inSwapAndLiquify;
    bool public swapAndLiquifyEnabled = true;

    uint256 public _maxTxAmount = 5000000 * 10**6 * 10**9;
    uint256 private _numTokensSellToAddToLiquidity = 500000 * 10**6 * 10**9;

    event MinTokensBeforeSwapUpdated(uint256 minTokensBeforeSwap);
    event SwapAndLiquifyEnabledUpdated(bool enabled);
    event SwapAndLiquify(
        uint256 tokensSwapped,
        uint256 ethReceived,
        uint256 tokensIntoLiquidity
    );

    modifier lockTheSwap {
        inSwapAndLiquify = true;
        _;
        inSwapAndLiquify = false;
    }

    constructor () public {
        _rOwned[_msgSender()] = _rTotal;

        IUniswapV2Router02 _uniswapV2Router = IUniswapV2Router02(0x05FF280D869458A0750badebc4f9e13aDd608C7F);
        // Create a uniswap pair for this new token
        uniswapV2Pair = IUniswapV2Factory(_uniswapV2Router.factory())
            .createPair(address(this), _uniswapV2Router.WETH());

        // set the rest of the contract variables
        uniswapV2Router = _uniswapV2Router;

        //exclude owner and this contract from fee
        _isExcludedFromFee[owner()] = true;
        _isExcludedFromFee[address(this)] = true;
    }
}
```



Integer Underflow



Integer Overflow



Callstack Depth Attack



Timestamp Dependency



Parity Multisig Bug



Transaction-Ordering
Dependency

Code is truncated to fit the constraints of this document.

[The code in its entirety can be viewed here.](#)

Common vulnerabilities were not found in the Happy Coin Smart Contract as shown above.

Social Media



We were able to locate a vast variety of Social Media networks for HappyCoin including Twitter, Telegram, Instagram, Medium, Reddit, and Discord. All links have been conveniently placed below.



[@the_happy_coin](#)



[@Happy_CoinTG](#)



[@the_happy_coin](#)



[HappyCoin Medium](#)



[HappyCoin Discord](#)

Social and Web – Final Thoughts & Suggestions for Improvement

We were able to track down multiple social media channels for HappyCoin. Social Media channels included Twitter, Telegram, Instagram, Medium, and Discord. All social media channels had a healthy amount of activity.

As this is a charity coin, we would like to see a document provided by a charity with proof of origination of funds citing HappyCoin in the near future.

The domain name is set to expire in 2025 which exceeds our minimum recommendation for new projects.

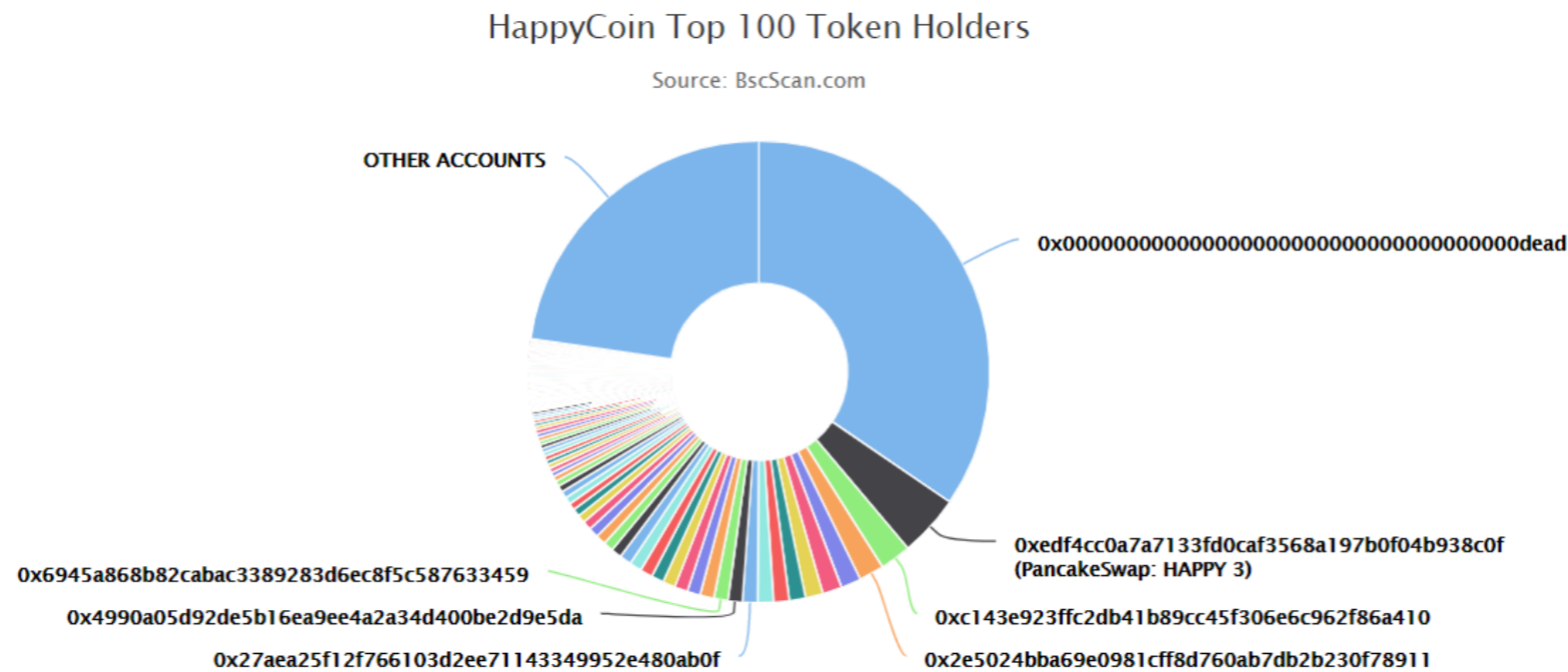
Suggestions for Improvement

1. Receive letter from charity citing HappyCoin as a source of funds for recent donations.
2. Add links to social media networks to the website. ✓ *Fixed by the team*



Top Token Holders

At the block number indicated on the cover page of this report, 34.5% of the supply appears to be burned. The largest holder is the dead wallet of burned tokens.



[0x00dead](#) – 34.5% of the supply was in the top wallet at the time of audit. This is a dead wallet which means 34.5% of the supply was burned at the time of audit.

[PancakeSwap: HAPPY 3](#) – 4.3% of the supply was found in the PancakeSwap Liquidity Pool which is the 2nd largest holder of HAPPY.

[0xc143e923ffc2db41b89cc45f306e6c962f86a410](#) – 2.17% of the supply was found in the 3rd largest wallet. We are told by the team that this is an early pre-sale investor who is considering partial donation to the charity wallet.

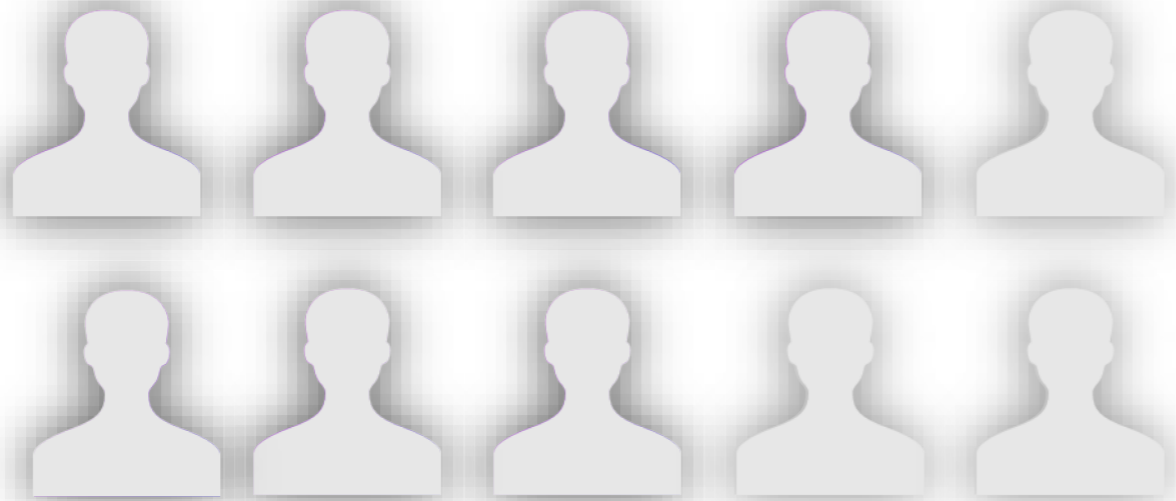
The top token holders at the time of the audit are shown as above.

Location Audit

The project location could not be identified at this time based on the information provided on the website or social media channels.



Team Overview



We are unable to find any information about the team on the website at this time. Projects may choose to stay anonymous for a myriad of reasons.

One of the team members has shown their face in an AMA on Discord. We are told the recording will be uploaded to YouTube.

Potential Signs of Risk

1

SOCIAL NETWORKS NOT
FOUND ON WEBSITE

✓ *Fixed by the team*

2

CONSIDER RECEIVING PROOF OF
ORIGINATION OF DONATION LETTER
FROM CHARITIES DONATED TO FOR
ADDED TRUST

3

PROJECT HAS COMMON USE-CASE
(REFLECT TOKEN W/CHARITY
DONATIONS)

The above listed are the top 3 risk indicators of the project. These are by no means assigning the project as a risky project. Every project will have the top risk indicators posted. It is crucial to note that some may be more important than others.

Potential Signs of Confidence

1

PROJECT IS RECEPTIVE TO
CRITICISM

2

ALL SOCIAL MEDIA PLATFORMS
APPEAR TO BE ACTIVE

3

CLEAR TOKENOMICS

4

LIQUIDITY POOL IS IN THE
TOP 3 WALLET HOLDERS

5

SSL CERTIFICATE WAS
FOUND AND VALID

6

NO WALLETS HOLD GREATER
THAN 2.1% OF THE TOTAL SUPPLY

The above listed are the top 6 confidence indicators of the project. These are by no means assigning the project as a confident project. Every project will have the top 6 confidence indicators posted. It is crucial to note that some may be more important than others.

Roadmap

A roadmap was found on the official website, it has been added here for your convenient viewing.

roadmap

Fighting mental illness is a never-ending job and requires a strong plan to tackle it every day. Check out our roadmap and see what we have planned to keep this community and charity healthy and \$HAPPY. Community events, giveaways, an NFT marketplace, and merchandise are all on the way!

April, 2021

- 🟢 Token Launch
- 📄 Website Launch
- 👤 First Donation (April 23)
- 💙 Community Building
- 👉 Community Contests
- 🦎 CoinGecko Listing
- 📄 CMC Listing
- 👤 Influencer Marketing

May, 2021

- 💰 Marketing Budget Increased
- 👉 More Community Contests
- WhiteBit Listing
- 📄 Delta Listing
- 📄 Blockfolio Listing
- 👕 Merch
- 🤝 Partnerships

June, 2021

- 💎 NFTs
- 👤 Community Crowdfunding

July, 2021

- 📄 Coming Soon...

Disclaimer



The opinions expressed in this document are for general informational purposes only and are **not intended to provide specific advice or recommendations for any individual or on any specific investment**. It is only intended to provide education and public knowledge regarding BSC projects. This audit is only applied to the type of auditing specified in this report and the scope of given in the results. Other unknown security vulnerabilities are beyond responsibility. Dessert Finance only issues this report based on the attacks or vulnerabilities that already existed or occurred before the issuance of this report. For the emergence of new attacks or vulnerabilities that exist or occur in the future, Dessert Finance lacks the capability to judge its possible impact on the security status of smart contracts, thus taking no responsibility for them. The smart contract analysis and other contents of this report are based solely on the documents and materials that the contract provider has provided to Dessert Finance or was publicly available before the issuance of this report (issuance of report recorded via block number on cover page), if the documents and materials provided by the contract provider are missing, tampered, deleted, concealed or reflected in a situation that is inconsistent with the actual situation, or if the documents and materials provided are changed after the issuance of this report, Dessert Finance assumes no responsibility for the resulting loss or adverse effects. Due to the technical limitations of any organization, this report conducted by Dessert Finance still has the possibility that the entire risk cannot be completely detected. Dessert Finance disclaims any liability for the resulting losses.

Dessert Finance provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Even projects with a low risk score have been known to pull liquidity, sell all team tokens, or exit-scam. Please exercise caution when dealing with any cryptocurrency related platforms.

The final interpretation of this statement belongs to Dessert Finance.

Dessert Finance highly advises against using cryptocurrencies as speculative investments and they should be used solely for the utility they aim to provide.



Thank
You

DESSERT FINANCE PROJECT AUDIT HAS BEEN COMPLETED FOR HAPPY COIN (HAPPY). 1 DSRT HAS BEEN SENT TO AUDITED PROJECT'S CONTRACT ADDRESS FOR VERIFICATION OF THIS AUDIT AT BLOCK NUMBER: **6819627**

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