



Solana Cappuccino Machine Cappuccino Token CUP Proof of Concept

www.cappuccinotoken

Inspiration statement

In the world of ever expanding technology,
ideas, possibilities and solutions, we have the
freedom to explore new horizons!

*“The horizon leans forward
Offering you space to place new steps of change.
Here, on the pulse of this fine day
You may have the courage
To look up and out... “* — Maya Angelou

Mission statement

Create a trustless stablecoin pegged to a price of a real world asset that most people are familiar with.

This coin could be used internationally for everyday services like buying coffee.

Also it is not related to any FIAT currency, so whatever inflation would be 1 CUP will always be a 1 cup of cappuccino coffee.

Roadmap

- Milestone 1 - price pegged to an average price of cappuccino in New York
- Milestone 2 - price of cappuccino token to be $\frac{1}{4}$ price of cappuccino in NY + $\frac{1}{4}$ price of cappuccino in London + $\frac{1}{4}$ price of cappuccino in Rome + $\frac{1}{4}$ price of cappuccino in Beijing
- Next milestones - diversifying with by sticking to a prices of cappuccino in most of the big cities

Proof of Coffee

Trustless stablecoin which warranties you will be able to buy cappuccino coffee.

Warranty

Warranty is a price of SOL and a price of cappuccino that consists of coffee, price of work to plant, grow and harvest coffee, roast it, transport to coffeehouse and prepare perfect cappuccino.

Landing page

Welcome



to the
Coffeehouse

connect wallet

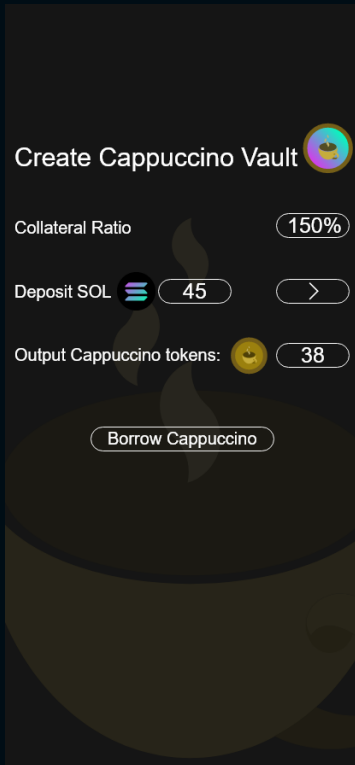
- User enters the Coffeehouse and connects wallet.

Cappuccino Machine

Now Cappuccino Machine starts working:

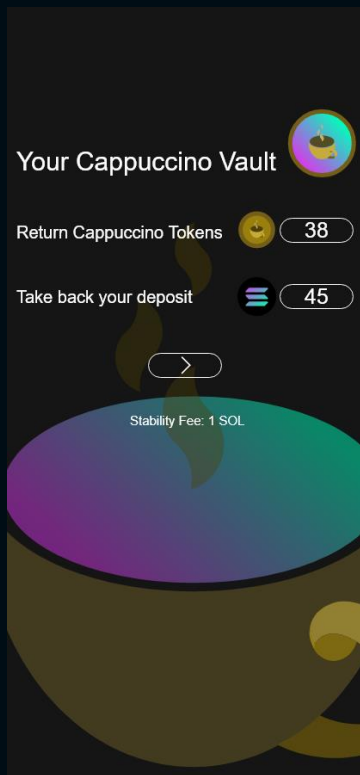
```
1 use solana_program::{
2     account_info::{next_account_info, AccountInfo},
3     entrypoint::ProgramResult,
4     msg,
5     program::{invoke, invoke_signed},
6     program_error::ProgramError,
7     program_pack::{IsInitialized, Pack},
8     pubkey::Pubkey,
9     sysvar::{rent::Rent, Sysvar},
10 };
11
12 use spl_token::state::Account as TokenAccount;
13
14 use crate::{error::CupProgramError, instruction::CappuccinoInstruction, state::CupProgram};
15 use crate::instruction::CappuccinoInstruction;
16
17
18 pub struct Processor;
19 impl Processor {
20
21     pub fn process(
22         program_id: &Pubkey,
23         accounts: &[AccountInfo],
24         instruction_data: &[u8],
25     ) -> ProgramResult {
26         let instruction = CappuccinoInstruction::unpack(instruction_data)?;
27
28         match instruction {
29             CappuccinoInstruction::DepositSolForCup { amount } => {
30                 msg!("Instruction: DepositSolForCup");
31                 Self::deposit_sol_for_cup(accounts, amount, program_id)
32             }
33             CappuccinoInstruction::CheckCollaterals -> {
34                 msg!("Instruction: CheckCollaterals");
35                 Self::check_collaterals();
36                 Ok(())
37             }
38         }
39     }
40 }
```


Cappuccino Cup



- It's time for a user to deposit SOL into Cappuccino CUP and make Cappuccino Vault.
- User borrows cappuccino tokens which amount depends on deposited SOL and collateral ratio.

Personalized Cappuccino Vault

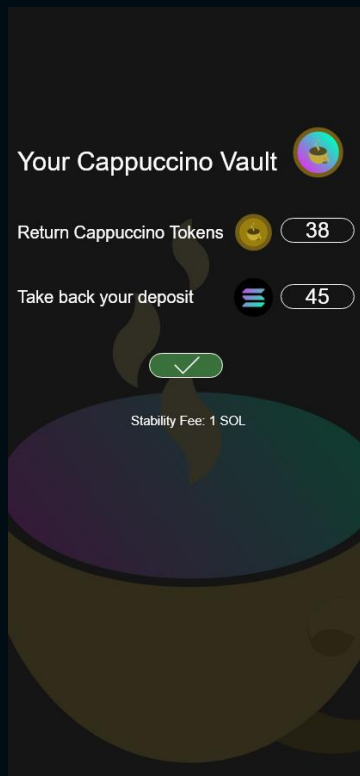


- Your SOL is deposited into Cappuccino Cup.
- Cappuccino has been prepared and served to the client.

Enjoy life!

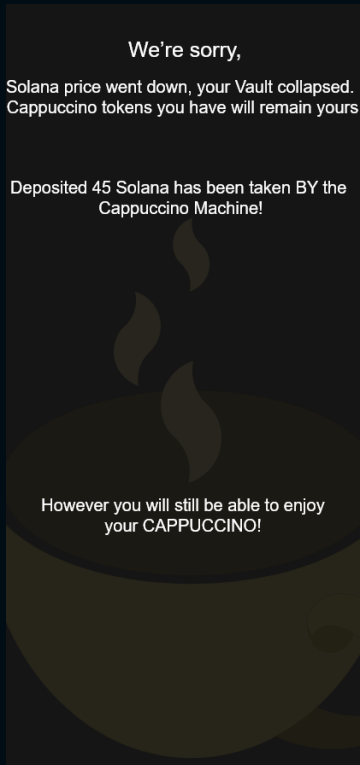


Returning Cappuccino tokens




- Once user gives back borrowed CAP tokens, deposited SOL will be returned by Cappuccino Machine, minus a stability fee of 1 SOL.
- Note that user can also return part of his cappuccino tokens.

What if SOL-ana price goes down?



- Collateral ratio goes down as well
- Cappuccino Machine is taking deposited SOL
- User can still enjoy life and cappuccino tokens.





*“Take it into the palms of your hands,
Mold it into the shape of your most private need.
Sculpt it into the image of your most public self.
Lift up your hearts!
Each new hour holds new chances
For a new beginning!”*

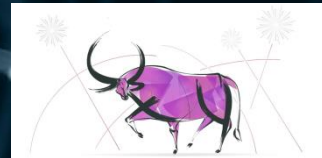
- Maya Angelou

Question

“Do you think that we can get 100 million people to go all buy the same coin, for none speculative reasons?”

- Anatoly Yakovenko

Team YearOf0x



Each of us has different tech stack and experience in various domains, excluding crypto currencies and blockchain.

We are in the game not for prizes but for the joy of exploring, playing it and learning new skills.

Dev members:

[gwalen](#)

[xGromovniKx](#)

[piobab](#)

[johnnieskywalker](#)



Artistic Contributor:

[banantosh](#)

