Demo Show Proposal

Time:

In April (One month after week 8)

Demo Show Process:

Step 0 (Deadline 27th March)

- Project Topics LINK

Step 1:
50+ groups will build projects and submit these items to a Google form:

- A five-minute video
- Business plan
- Github repository link（opensource code, document the readme should be well descriptive with documentation of the projects,）

Step 2: (Deadline 17th April)
The 10 best groups will be chosen for the live demo(90min)

Criteria for choosing the 10 best for live demo :

- Completeness of the project
- Usability of the project
- Innovation and thought put into the project
- Marketability
- Well documented project flow
- Team coordination and cooperation

Step 3:
Live demo (24th April)

- A panel discussion on Binance Smart Chain (BSC) and Africa
- All 6 projects should send in a short video recording of their dApp in action
- Each project will have five minutes for their session (two minutes for Q&A and three minutes for the video presentation)

Judge:

Yele, Ugo, Babz, Yilei, Chuta, Akin, Oluchi

Rule:

For the Pre-demo, we can either get the videos sent to an internal group (e.g,, we have six reviewers, and each person reviews say 20 two-minute videos, or 40 minutes per person, and each video should be reviewed twice).

1. Vote with a smart contract.
2. Everyone can vote only once.
3. This part will weight 20%

The team leader should send us their video, then we will upload them together to youtube.
Open a form to the team leader, they fill in the information about their project, github link, the video link(youtube).

1. Form of every project information.
2. Link of youtube to this project(includes every project's video.)
3. Publish the smart contract tutorial to discord channel, everyone can see them can vote for them.

Or, we can ask them to share the videos in a specially created Discord channel, and then the community can add thumbs-up emojis to upvote their best ones, it's a good way to get community participation.

Teams should also share their github so we can confirm they built it, this will be a secondary requirement to double-check for fraud/false submissions

Prize:

$1500 total reward max ($600 first prize, $500 second prize, $400 third prize)

We will give unique NFT to those who have made outstanding contributions, maybe we will provide some invest opportunity to those people.

Four directions can build for Demo Show

It is not limited to these 4 directions.

1. Staking and farming project (Easiest)

Requirement:
(1) Can stake some BEP20 token. Store the number and status of every user.
(2) Can distribute some BEP20 tokens by a well-designed algorithm.
(3) Have a basic UI to support those two features.

Demo link:
https://github.com/prophetyy18/ChainIDE-BSC-Master-Class/tree/main/Week%204

2. An algorithm stablecoin project (Medium)

Requirement:
(1) Using a rebase mechanism to build a stable coin.
(2) Build a UI to track every user's dynamic number of tokens.
(3) Figure out an innovative way to avoid death spirals. (option)

Demo link:
https://github.com/prophetyy18/ChainIDE-BSC-Master-Class/tree/main/Week%205

3. An Uniswap-like project (Harder)

Requirement:
(1) Using Uniswap as a model, build an AMM exchange.
(2) Copy the Uniswap interface and do your own design.
(3) Figure out an innovative way to decrease the Slippage

Demo link: https://github.com/Uniswap

4. Insurance project (Easy)

Requirement:
(1) Have the ability to create an Insurance policy on the smart contract
(2) User should be able to pay monthly subscriptions to the smart contracts for their Insurance policy, if a user misses a payment, their insurance policy becomes invalid
(3) User should be able to make a claim for payouts
(4) The contract should have an elevated permission role (claim approver) of certain individuals who can verify claims and approve payouts

(5) The contract should automatically payout insurance claims to the user's address once approved.
(6) The type of insurance does not have to be complex like Fire, Car, Life, Health Insurance which are regulated, it can be as simple as a smartphone screen insurance against a broken screen

Demo: Akin (BSC insurance project, one is Helmet and the other is Soteria)

Work Division

1. Contract xxx people
2. UI xxx people
3. Document xxx people(Introduce the function)
4. Video xxx people (For demo show)
5. Manage Github 1 people(track process)
6. Project manager

Supplement

Swap
Uniswap:https://github.com/Uniswap
Pancakeswap:https://github.com/pancakeswap

Yield Aggregator
Autofarm: https://github.com/autofarm-network/autofarmV2
Harvest:https://github.com/harvest-finance

Algorithm stablecoin
bdollar:https://github.com/bearn-defi/bdollar-smartcontracts
basis cash:https://github.com/Basis-Cash

Insurance
Helmet:https://github.com/helmet-insure/helmet-insure.github.io
Soteria:https://github.com/Soteria-core/soteria

Document reference
Pancakeswap Doc:https://docs.pancakeswap.finance/
Basis cash:https://docs.basis.cash/

Questions (Asked in the group:

1. We're having a challenge with getting an Oracle on BSC testnet. We

checked Chainlink but there are only mainnet oracles. Is there any other alternative?

A:Just a few oracle on BSC testnet, maybe check with ChainLink.
https://docs.binance.org/smart-chain/developer/oracle/band.html

2. Can I use flutter to build our front end?

A:You can use any framework.

3. Does anyone know of any yield aggregator or borrowing-lending protocol available on BSC testnet?

A:AutoFarm,Harvest

4. I couldn't find any real stuff or docs on smart contract integrations with Pancakeswap on BSC testnet. Any help please?

A:Pancakeswap is similar to Uniswap, you can check Uniswap's Doc.
https://uniswap.org/docs/v2/smart-contracts/router02/

5. Hey Friends! Does bscide have any feature to transfer projects to another device? It seems the project is just local to the browser where it was created.

A:You can use right click to download the whole project to get a zip file. Then you can unzip it and drag those file to the BSCIDE to upload them.