HIVE TRACK

Welcome to HIVE TRACK! If you are here to check out this track, go ahead and read the content below.
If you have chosen to compete in this track please note that it is MANDATORY to post about your project on Hive : https://ecency.com/ (Read how to make a post below)

INTRODUCTION TO HIVE CHAIN

1. **A Thriving, Mature Ecosystem** : Hive is not a shiny new toy. We've been around for a while, and have grown a thriving ecosystem of hundreds of dApps, communities & projects.
2. **Fast with No Fees** : Built for people and communities, Hive technology has enjoyed 3 second transactions and zero gas fees for years. For the technically inclined, we're a Delegated Proof of Stake (DPoS) chain, allowing those who invest the most time and resources into Hive to realize the most value.
3. **Decentralized** : Hive is one of the most decentralized blockchains. There is no single entity or organization that controls the network. Everything is run by the community members.
4. **Readable Wallet Addresses** : Wallet addresses in Hive are easy to remember. They look and act just like usernames in traditional applications. In other words, a username is a wallet address and a social media handle at the same time.
5. **Decentralized Hive Fund** : The development of Hive and its ecosystem is made possible by the community. To incentivize crucial work, the same community can engage in stake-weighted voting to fund proposals via the Decentralised Hive Fund (DHF).
6. **Hive Backed Dollar** : HBD is a USD-pegged algorithmic stablecoin backed by HIVE. We currently provide one of the highest interest rates in the crypto space for holding HBD in savings.

TRACK GUIDELINES

1. You can choose to build any project on any topic and then deploy it on Hive blockchain. (If you need an idea on what and how to create on Hive, you can have a look at various projects on that are already present on the Hive blockchain : https://hiveprojects.io/)
2. Your project should be able to perform (at the very least) ALL these 3 basic functions :
    a. Read data from the Hive blockchain.
    b. Broadcast any kind of transaction to the Hive blockchain.
    c. Perform a login by interacting with apps like Keychain or HiveAuth, etc.
3. It is compulsory to make a post about your project and publish it on https://ecency.com/ on the day of the hackathon - 12th April 2024 (Read how to make a post below)

4. If your project is shortlisted for the final round :
    a. A detailed post must be published again with a screen recording showcasing how it is able to interact with the Hive chain.
    b. Github repository link must be shared in the post.

ACCOUNT / WALLET CREATION

1. Your Hive account is the same as your Hive wallet. You can create your account for free here :
    a. https://ecency.com/signup?referral=blackheart1
    b. https://inleo.io/signup
    c. https://join.d.buzz/
2. **A faster way to create your account is through token code : https://join.hive.io/ Token Code can be claimed by joining our discord or asking for it on the day of the hackathon at the Hive Desk.**
3. If you face any problem creating your Hive account, reach out to us on our discord : https://discord.gg/3KfJYZxRmq
4. NOTE : Once your Hive account/wallet is created, it can be used across all dApps built on the Hive chain. So you don't need to create multiple accounts while exploring Hive. Just use the keys you get to login (no need to sign up again and again).

HOW TO POST

You can create a post on Hive by using ECENCY platform : https://ecency.com/

Your post MUST contain these 3 important points :

1. Team Introduction : Tell us about yourself and your team.
2. How you got to know about Hive.
3. Tag : vihaan
4. Upload a screen recording video showcasing the demo of your project (If applicable)

Please note that the following will result in immediate disqualification :

1. Use of AI to generate or optimize content.
2. Plagiarism.
3. Posting on multiple platforms.

If you face any problem while trying to publish your post on Hive, reach out to us on our discord : https://discord.gg/3KfJYZxRmq.
You can also contact us on the day of the event at our Hive Desk which will be present at the venue.

WINNERS AND PRIZES

1. Winners will be selected based on their Hive posts which must fulfill the requirements mentioned in Track Guidelines and How to Post headings above.
2. A minimum of $1000 will be distributed between the top 3 teams.
3. In addition to this, any team that is able to deploy its project on Hive by achieving the 3 minimum requirements mentioned in the track guidelines will also be given a cash prize.

JUDGING PROCESS

To qualify for the judging process, the teams must publish a post detailing their project on Hive (mentioned in “How to Post” heading)

Your project will be judged on the following :

1. If you were able to successfully read data from the Hive blockchain.
2. If you were successfully able to broadcast any kind of transaction to the Hive blockchain.
3. If you were able to perform a login by interacting with apps like Keychain or HiveAuth, etc.
4. How much value it can add to the Hive ecosystem.
5. Performance, Efficiency and Presentation

After 7 days from publishing the post, the winners will be declared and the prize money will be sent out. For more information, you can contact us on our discord server : https://discord.gg/3KfJYZxRmq or talk to the Hive representative present at the Hive Desk at the hackathon venue.

HIVE DOCUMENTATIONS

1. Existing APIs for Hive: https://developers.hive.io/
2. Direct link to the documentation : https://docs.hiveauth.com/
3. Main repository : https://gitlab.syncad.com/hive
4. Hive SQL : https://hivesql.io/
5. Logging in :
    a. Hive Keychain : https://github.com/hive-keychain
    b. Familiarizing yourself with Keychain : https://play.hive-keychain.com/
    c. Hive Auth : https://github.com/hiveauth and https://hiveauth.com/
    d. OAuth2 login on Hive (hivesigner) : https://github.com/ecency/hivesigner-sdk
    e. Documentation : https://docs.hivesigner.com/
6. Deployment and Testing :
    a. API node for the testnet : https://testnet.openhive.network/
    b. API node for the mirror net : https://api.fake.openhive.network/

7. Learning to create Hive Apps :
    a. Useful repos related to Hive Application Framework (HAF) : https://gitlab.syncad.com/hive/haf
    b. Sample HAF app: https://gitlab.syncad.com/hive/balance_tracker
    c. Here's another approach to create Hive apps: https://hive.blog/hive-139531/@thebeedevs/how-to-distinguish-a-fly-from-a-bee
8. To find an API node for the public network : https://beacon.peakd.com/
