

Blockchain Hackathon

Sponsored by



1. Introduction

Software Hackathon is one of the biggest event in Prometeo '22 with an initiative to provide opportunity to students to solve some of the problems related to sustainable development. Blockchain enthusiasts will get a chance to build the product according to the requirements given by the experts of the domain. These hackathons help you put your coding and development skills to work and solve interesting problems and real life challenges. Team size to be from 1-3 members so freshen up yourself to be floated in the world of Blockchain.

2. Problem Statement

Subsidiary Distribution Management:

- Let's talk benefits before moving to subsidies. State governments across India, at some point in time or other, have announced benefits like cycles, TVs and laptops to its citizens or any subsidy or a payment under any of the schemes(e.g. MGNREGA) But often, these distribution schemes do not reach all the eligible citizens because of various issues.
- Think of a system where items like cycles and laptops are tokenized and distributed via a private ledger and distributed to eligible citizens. The departments related to schemes, the vendor and banks can all be on the blockchain. All data is shared on a common ledger that can be accessed by all parties and cannot be modified without a consensus.

Prometeo '22

Indian Institute of Technology, Jodhpur

Blockchain Hackathon

Sponsored by



- Create a Blockchain app to create tokens and distribute them to citizens. The app should have smart contracts to control spending of tokens only for a specific purpose. For eg. tokens created for cash subsidy cannot be used to get laptop or cycle etc. The app should also allow for checking the number of tokens given to a particular individual so that an equal distribution is achieved and no one person gets excess tokens.

3. Event Structure:

- **Submission :** [Link](#)
- Team Size: 1-3 Members
- Duration: 7 days
- The Problem Statement is mentioned above.
The Matellio team will be deploying decentralized apps using a smart contract. We will show the audience how this will work using blockchain technology in action!

4. Judging Criteria:

- The quality of your presentation
- The relevance of the problem you are attempting to solve.
- How efficiently you are utilising the blockchain to solve the problem.
- Architecture and user experience

5. Criteria to qualify.

- Rely at least in part on sending transactions to, or reading data from, a live blockchain
- Be achievable given the current state of blockchain technology.
- Attempt to provide a decentralized solution to a problem that has typically required trust in centralized actors.
- Not be a copycat of an existing DApp, protocol, or whitepaper.

Prometeo '22

Indian Institute of Technology, Jodhpur

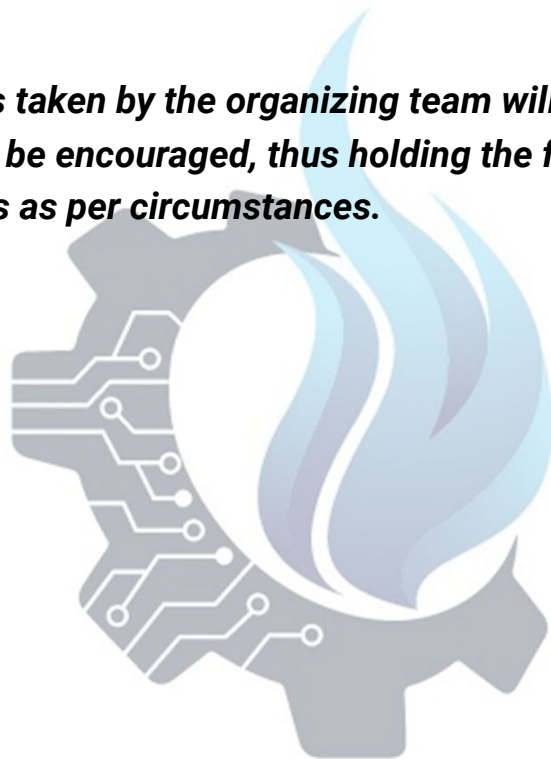
Blockchain Hackathon

Sponsored by



It is a huge plus if there is an existing working prototype or live version of your App.

Remark: All decisions taken by the organizing team will be deemed as final, and no more changes will be encouraged, thus holding the full authority to change any of the above rules as per circumstances.



PROMETEO

Prometeo '22

Indian Institute of Technology, Jodhpur