


## Ideation Phase Brainstorm & Idea Prioritization Template

Date	21 September 2023
Team ID	NM2023TMID03952
Project Name	CLIMATE TRACKSMART USING BLOCKCHAIN
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization :

### Step-1: Team Gathering, Collaboration and Select the Problem Statement

Template



## Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

🕒 10 minutes to prepare  
🕒 1 hour to collaborate  
👥 2-8 people recommended

**➔ Before you collaborate**

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕒 10 minutes

**A Team gathering**

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

**B Set the goal**

Think about the problem you'll be focusing on solving in the brainstorming session.

**C Learn how to use the facilitation tools**

Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) ➔

**1 Define your problem statement**

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

🕒 5 minutes

Climate TrackSmart using blockchain

Climate TrackSmart is a blockchain-based platform that enables the secure, transparent, and auditable tracking of climate data. The platform uses blockchain technology to create a tamper-proof record of climate data, from its collection to its use. This allows users to be confident in the integrity of the data they are using, and to track its provenance throughout its lifecycle.

**2 Key rules of brainstorming**

To run a smooth and productive session

🗣️ Stay in topic.

👂 Defer judgment.

🗣️ Go for volume.

💡 Encourage wild ideas.

👂 Listen to others.

👁️ If possible, be visual.

**Need some inspiration?**

See a finished version of this template to kickstart your work.

[Open example](#) ➔

## Step-2: Brainstorm, Idea Listing and Grouping

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### Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

**TIP**  
You can select a sticky note and hit the pencil icon to sketch it on to start drawing!

#### SANJAY

Develop a blockchain system for tracking and trading carbon credits, making it easy for organizations to offset their emissions.

Create smart contracts that encourage eco-friendly practices, such as rewarding users for reducing energy consumption.

Issue NFTs representing contributions to climate initiatives and conservation projects to raise funds and awareness.

#### RAVISHANKAR

Develop a blockchain oracle that provides real-time climate data for various applications, such as insurance or urban planning.

Use blockchain to enable seamless and secure electric vehicle charging and billing.

Create a blockchain platform for green and impact investments, connecting investors with sustainable projects.

#### SHEK AMJATH BASHA

Design a blockchain wallet that rewards users for reducing their carbon footprint through daily actions.

Implement smart contracts for farmers, linking weather data and insurance payouts in a transparent manner.

Build a blockchain system for governments to track and manage national emission reduction goals.

#### VIMAL PANDIYAN

Implement a blockchain-based platform for monitoring and verifying the sustainability of products along the supply chain.

Build a blockchain marketplace for renewable energy trading, allowing individuals to buy and sell excess green energy securely.

Issue blockchain tokens tied to reforestation and afforestation projects, enabling traceability and transparency.

#### JEYASANTHOSH

Implement a blockchain voting system for climate actions, allowing communities to decide on sustainability projects collectively.

Implement a blockchain voting system for climate actions, allowing communities to decide on sustainability projects collectively.

Develop a blockchain-based identity verification system to ensure transparency and accountability in climate initiatives.

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### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

**TIP**  
Add customizable tags to sticky notes to make it easier to find, browse, organize and categorize important ideas as themes within your mural.

#### SECURITY

Blockchain's immutability ensures that climate data is securely stored and tamper-proof, preventing data manipulation.

Implement robust security measures in smart contracts to prevent vulnerabilities and potential breaches.

Utilize decentralized identity solutions to grant access to climate data and actions securely.

Employ privacy-preserving techniques, such as zero-knowledge proofs, to protect sensitive climate data.

#### FEATURES

Implement features for real-time monitoring of climate data, allowing quick response to environmental changes.

Facilitate interoperability with other data sources and systems to create a comprehensive climate tracking network.

Tokenize climate-related assets like carbon credits, renewable energy, and afforestation tokens.

Develop intuitive user interfaces and mobile applications for easy access to climate data and actions.

#### CHALLENGES

Scaling the blockchain to accommodate the vast amount of climate data generated globally is a significant challenge.

Navigating complex and evolving regulatory frameworks related to climate data and blockchain is challenging.

Relying on external oracles for climate data introduces the risk of inaccurate information.

The energy-intensive nature of some blockchain networks poses environmental concerns.



## Step-3: Idea Prioritization

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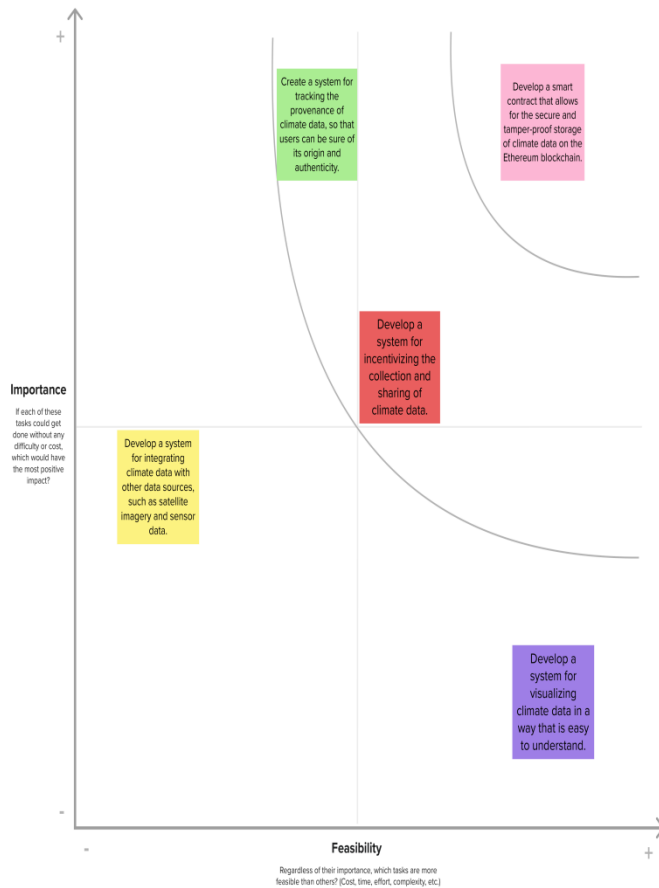
## Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes

### TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.



## After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

### Quick add-ons

- Share the mural**  
Share a [view link](#) to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- Export the mural**  
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

### Keep moving forward

- Strategy blueprint**  
Define the components of a new idea or strategy.  
[Open the template →](#)
- Customer experience journey map**  
Understand customer needs, motivations, and obstacles for an experience.  
[Open the template →](#)
- Strengths, weaknesses, opportunities & threats**  
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.  
[Open the template →](#)

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