Ideation Phase
Brainstorm & Idea Prioritization Template

Date	18 October 2022
Team ID	Team - 592719
Project Name	Project - Jungle Detectives: AI-Powered Image Classification of Wild Big Cats
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

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

Reference:
https://app.mural.co/t/anshuman1586/m/anshuman1586/1697640788510/8daf063933c43981eff9d
d58d43e58f9a1d6767d?sender=u1c1c7692c02a6c463ba93846

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

Step-2: Brainstorm, Idea Listing and Grouping

Brainstorm

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

⏱ 10 minutes

TIP
You can select a sticky note and hit the pencil (pen icon) to sketch/ turn to text drawing!

Group ideas

Take turns sharing your ideas while clustering similer 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 save it easier to find, browse, organize, and categorize important icons as themes within your mural.

Person 1

| ML algo backed Website for Big Cats recognition | Big LCD screen with camera to live capture and recognise Big Cat that tourists can spot. | |

Person 2

| Mobile app to recognise photos being upload in it. | Big Cat recognising/ classification Kiosk. | Cloud based centralised system which collects photos from several cameras in a sanctuary at intervals and identifies them. |

Person 3

| Using Big Cat recognition and classification systems to count and trace all Big Cats in an ecosystem. | Zoo authority can upload pictures of each animal's area at a fixed interval in our Big Cat recognition model to track all the animals in the zoo. | Camera's in Village using Big Cat recognition model to identify and alert villagers if any Big Cat infiltrates from the jungle. |

Person 4

| A wireless network, connecting smart watches with cameras for wildlife explorers to notify and alter them every time the camera recognises any Big Cat around the explorer | Integrate the system with local emergency services. If the cameras detect potentially dangerous wildlife approaching populated areas, alerts can be sent to authorities to ensure public safety. | Build a mobile app where users can simply click a Animal photo, and the system will reply with information about the Aniaml photo. |

Security camera sys.em

- Zoo authority can upload pictures of each animal's area at a fixed interval in our Big Cat recognition model to track all the animals in the zoo.
- Cloud based centralised system which collects photos from several cameras in a sanctuary at intervals and identifies them.

Mobile App

- Mobile app to recognise photos being upload in it.
- Build a mobile app where users can simply click a Animal photo, and the system will reply with information about the Aniaml photo.

Alert system

- Camera's in Village using Big Cat recognition model to identify and alert villagers if any Big Cat infiltrates from the jungle.
- Integrate the system with local emergency services. If the cameras detect potentially dangerous wildlife approaching population areas, alerts can be sent to authorities to ensure public safety.

Animal Recognition

| Big LCD screen with camera to live capture and recognise Big Cat that tourists can spot. | Using Big Cat recognition and classification systems to count and trace all Big Cats in an ecosystem. | ML algo backed Website for Big Cats recognition | Big Cat recognising/ classification Kiosk. |

Step-3: Idea Prioritization

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

- Integrate the system with local emergency services. If the cameras detect potentially dangerous wildlife approaching populated areas, alerts can be sent to authorities to ensure public safety.
- Camera's in Village using Big Cat recognition model to identify and alert villagers if any Big Cat infiltrates from the jungle.
- ML algo backed Website for Big Cats recognition
- Cloud based centralised system which collects photos from several cameras in a sanctuary at intervals and identifies them.
- Build a mobile app where users can simply click a Animal photo, and the system will reply with information about the Aniaml photo.
- Mobile app to recognise photos being upload in it.
- Zoo authority can upload pictures of each animal's area at a fixed interval in our Big Cat recognition model to track all the animals in the zoo.
- Using Big Cat recognition and classification systems to count and trace all Big Cats in an ecosystem.
- A wireless network, connecting smart watches with cameras for wildlife explorers to notify and alter them every time the camera recognises any Big Cat around the explorer
- Big Cat recognising/ classification Kiosk.
- Big LCD screen with camera to live capture and recognise Big Cat that tourists can spot.