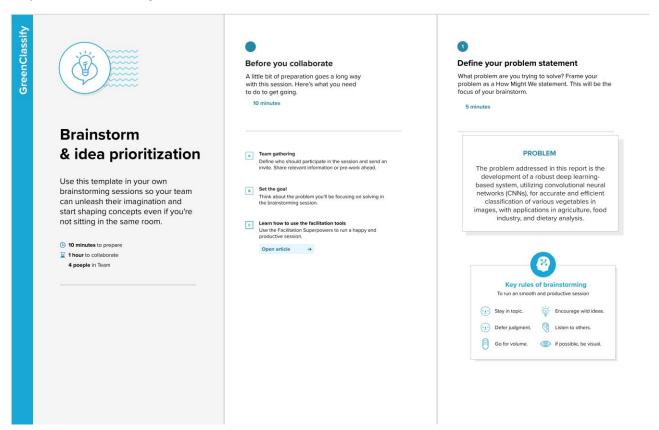
Ideation Phase Brainstorm & Idea Prioritization Template

Date	27 September 2023
Team ID	Team-592290
Project Name	GreenClassify
Maximum Marks	6 marks

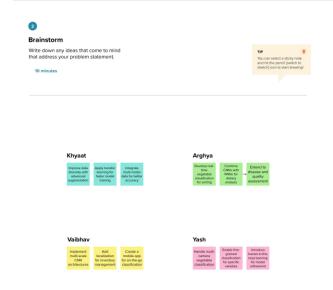
Brainstorm & Idea Prioritization:

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.

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



Step-2: Brainstorm, Idea Listing and Grouping





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 and break it up into smaller sub-groups.



Cluster 1: Data Enhancement and Training

- Improve data diversity with advanced
- augmentation.

 Apply transfer learning for faster model training.

Cluster 2: Multi-Modal Integration

• Integrate multi-modal data for better accuracy.



Cluster 3: Real-Time Applications

- Develop real-time vegetable classification
- for sorting.

 Create a mobile app for on-the-go classification.



Cluster 4: Advanced Model Capabilities

- Combine CNNs with RNNs for dietary analysis.
- Extend to disease and quality assessment.
- Implement multi-scale CNN architectures.
- Add localization for inventory management.
- Handle multi-camera vegetable classification.
- Enable fine-grained classification for specific varieties.







Cluster 5: Continuous Improvement

• Introduce human-in-the-loop learning for model refinement.



Step-3: Idea Prioritization

