## **Ideation Phase**

## **Brainstorm & Idea Prioritization Template**

Date	12 November 2023
Project Name	A machine learning approach to
	Restaurant Recommendation
	System
Maximum Marks	4 marks
Team Id	Team -592784

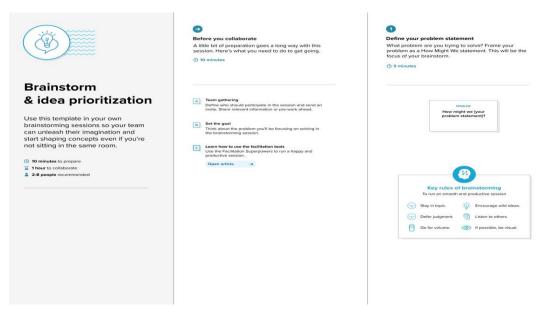
## **Brainstorm & Idea Prioritization Template:**

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 number 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're not sitting in the same room.

Reference: https://www.mural.co/templates/ideate

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



# Step 2:- Brainstorm, Idea listing and Grouping

### Aditya Kumar Jha

#### Advanced Personalization:

Implement machine learning algorithms to understand individual preferences better and provide highly personalized restaurant recommendations based on past behavior, ratings, and context.

# Real-Time Contextual Recommendations:

Offer real-time
recommendations based on
factors like weather, time of
day, and local events to
provide users with
contextually relevant
suggestions.

# Collaborative Filtering:

Introduce collaborative filtering techniques to enhance recommendations by analyzing user behavior and preferences, fostering a sense of community within the user base.

## Anish Singh

Blockchain for Transparent Reviews:

Explore the use of blockchain technology to create a transparent and tamper-proof system for user reviews, ensuring the authenticity of feedback.

Augmented Reality (AR) for Menu Exploration:

Implement AR features that allow users to explore restaurant menus in a more interactive and engaging way, visualizing dishes and getting additional information about ingredients.

# Dynamic Pricing Information:

Provide real-time pricing information for menu items, allowing users to make informed decisions based on current costs.

## Prajwal Jha

#### Offline Functionality:

Enhance offline functionality to enable users to access basic features and recommendations even in areas with poor or no internet connectivity.

### Health and Wellness Focus:

Incorporate features that highlight healthier dining options, provide nutritional information, and support users in making choices aligned with their health goals.

#### Diverse Dietary Preferences:

Expand the system to cater to various dietary needs, including vegetarian, vegan, gluten-free, and other specific preferences to accommodate a broader range of users.

# **Groups:**

Personalization and Engagement: User-Centric Features for Enhanced Exploration:

Diverse and Informed Decision-Making:

Step 3: Idea Prioritization

