Ideation Phase
Brainstorm & Idea Prioritization Template

| Date	17 October 2023
Team ID	Team-592835
Project Name	RESTAURANT RECOMMENDATION SYSTEM
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template: Mural Link

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.

Reference: **Open Mural Link**

Step-1: Team Gathering::
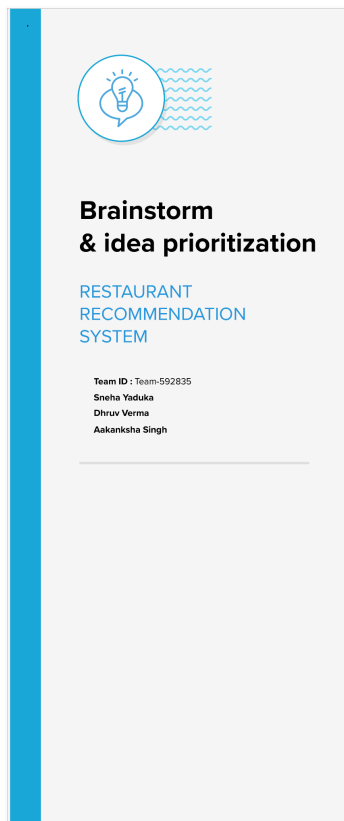
Step-2: Select the Problem Statement:

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**

PROBLEM

How might we deliver personalized dining suggestions to users considering their preferences, location, and restaurant characteristics?

Key rules of brainstorming

To run an smooth and productive session

Stay in topic.   Encourage wild ideas.

Defer judgment.   Listen to others.

Go for volume.   If possible, be visual.

Step-3: Brainstorm, Idea Listing:

2

Brainstorm

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

🕐 **10 minutes**

Sneha Yaduka

ML Models	User Feedback Loop	User Clustering
Customer Support ChatBot	Booking Management	

Dhruv Verma

Social Media Integration	User Profiles	Content Based Filtering
	Predictive Dining	

Aakanksha Singh

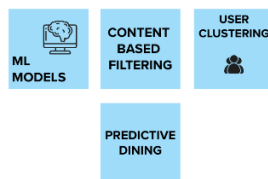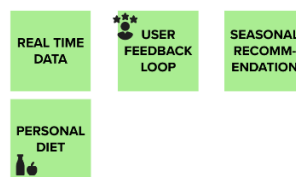|		
Real Time Data	Cuisine preferences	Summarization
Data Security and Privacy	App Integration	

Step-4: Grouping:

3

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.

🕐 **20 minutes**

Recommendation Algorithms and Personalization

ML MODELS	CONTENT BASED FILTERING	USER CLUSTERING

PREDICTIVE DINING

User Data and Preferences

REAL TIME DATA	USER FEEDBACK LOOP	SEASONAL RECOMM-ENDATION

PERSONAL DIET

Engagement and User Experience

DATA SECURITY AND PRIVACY	CUSTOMER SUPPORT CHATBOT	USER PROFILES

Integration and Features

SOCIAL MEDIA ITEGRATION	APP INTEGRATION	BOOKING MANAGEMENT
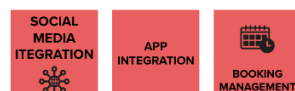
Step-5: Idea Prioritization

4

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**

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.)

- ML MODELS
- APP INTEGRATION
- DATA SECURITY AND PRIVACY
- USER FEEDBACK LOOP
- REAL TIME DATA
- USER CLUSTERING
- BOOKING MANAGEMENT
- SOCIAL MEDIA ITEGRATION
- SEASONAL RECOMM-ENDATION
- CONTENT BASED FILTERING
- USER PROFILES
- PREDICTIVE DINING
- CUSTOMER SUPPORT CHATBOT
- PERSONAL DIET