

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	07 November 2022
Team ID	PNT2022TMID27598
Project Name	University Admit Eligibility Predictor
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're not sitting in the same room.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

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



### 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

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**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](#) ➔

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**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

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PROBLEM

How might we [your problem statement]?

**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.

## 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 [switch to sketch] icon to start drawing!

#### PRAVEEN RIJAL

REFER LITERATURES	REQUIRED VISUALISATION TOOLS	FAST PREDICTION ML PREDICTOR
LEARN AI	DEPLOY USING CLOUD FAST AND SCALABLE	BUILD NEW PRODUCTIVE MODEL WITH ACCURACY
COLLECT NEW DATAS FROM USER AND IMPLEMENT A MODEL	PROVIDE STOP EDITOR	TRY RECOMMENDATION SYSTEMS

#### SANDESH A

LEARN AI AND ML	WORK WITH ML PROJECTS	LEARN ALGORITHMS
WORK ON VISUALISATION	BUILD A MODEL WITH ACCURACY	USE CLOUD AND DEPLOY THE MODEL
LEARN WEB DEVELOPMENT FRAMEWORKS	ANALYSE EXISTING SERVICES	FIND EXACT PROBLEM STATEMENT

#### SARAN ANISH V

WORK WITH ML PROJECTS	LEARN WORKING WITH JUPYTER NOTEBOOK	LEARN SCIPY and DATA VISUALISATION
LEARN REGRESSION	DEVELOP WEBSITE	TRAIN AND TEST THE MODEL
EVALUATION OF PROJECT	FIND PERFECT DATASET	DEPLOY USING CLOUD

#### SELVIN WELLINGTON A

USE HIGH PRIORITY DATASET	WORK ON TRAINING AND TESTING	SUGGEST COLLEGES BASED ON USER DATA
VISUALISATION OF DATA HELPS	BUILD NEW PREDICTIVE MODEL WITH ACCURACY	PROVIDE NECESSARY LINKS TO RECOMMEND COLLEGES
LEARN WEB DEV FRAMEWORKS	PREPARE FOR PRE-REQUISITES	CHECK THE FACTORS IN THE DATASET

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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.

### PREPARE

LEARNING  
ML AND AI

LEARN  
VISUALISATION

LEARN WEB  
DEVELOPMENT

### SUGGESTIONS

REBUILD  
FROM  
EXISTING  
SOLUTION

IDENTIFY  
DATASETS

WORK ON  
ACCURACY

### FINAL PROJECT FLOW

USER LOGIN

USER DATA  
COLLECTION

ADMISSION  
PREDICTION

### APPLICATION PARTS

WEB  
FRAMEWORK

CLOUD  
PLATFORM

EVALUATED  
MODEL

### Step-3: Idea Prioritization

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## PREPARE

## SUGGESTIONS

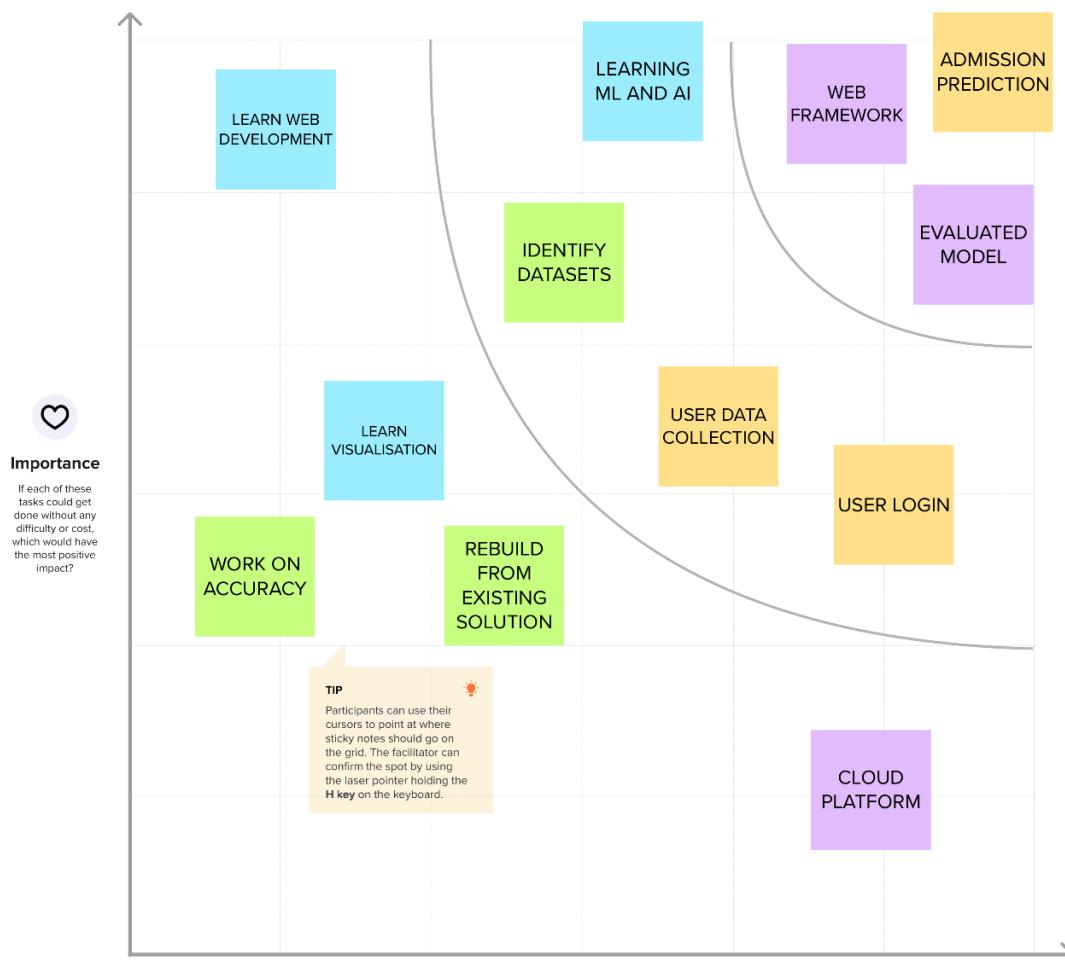
## Prioritize

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

## FINAL PROJECT FLOW

## APPLICATION PARTS



### 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.)