

Ideation Phase

Brainstorm & Idea Prioritization Template

Project tile: Diabetes Prediction Using Machine Learning

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

Our goal is to develop a predictive model that can accurately identify individuals who are at high risk of developing diabetes, thereby allowing for early intervention and prevention of the disease. By using machine learning techniques to analyse large amounts of data, we can identify patterns and make accurate predictions that could potentially save lives.



Key rules of brainstorming

To run a smooth and productive session



Stay in topic.



Encourage wild ideas.



Defer judgment.



Listen to others.



Go for volume.



If possible, be visual.

2

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!

Kommareddy Pranay Naga Venkata Subba Reddy

Advising them to maintain proper diet

Schedule regular health checkups

Make sure to maintain the body weight

Practice stress-relief techniques

Tharun

Understanding the Latest Research on Diabetes

Advising daily tasks and Diet food

Spread Awareness on Diabetes

Analyse and improve data related Diabetes

Nagendra babu

Using Accurate Algorithms for better results

Explore the Technology to improve Diabetes Management

Educate user to take proper Diet

Get Feedback from the user to improve the results

Srihari

Taking prescribed medications

Proper hydration needed to be healthy

Educate them not to drink alcohol

guide them to have proper sleep cycles

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 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.

Building a machine learning model that can assess an individual's risk of developing diabetes based on various factors such as genetic predisposition, lifestyle choices, and medical history. The tool can provide early warnings and recommendations for lifestyle modifications to reduce the risk of developing the disease.

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

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H** key on the keyboard.

