

Ideation Phase

Empathize & Discover


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| Date | 1 NOVEMBER 2023 |
| Team ID | Team-591645 |
| Project Name | Diabetes Prediction Using Machine Learning |
| 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.

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

Template




Conducting a brainstorm

Executing a brainstorm isn't unique; holding a productive brainstorm is. Great brainstorms are ones that set the stage for fresh and generative thinking through simple guidelines and an open and collaborative environment. Use this when you're just kicking-off a new project and want to hit the ground running with big ideas that will move your team forward.

⌚ 15 minutes to prepare
⌚ 30-60 minutes to collaborate
👤 3-8 people recommended

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➔

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.

⌚ 15 minutes

➔

Choose your best "How Might We" Questions

Create 5-10 HW questions before the activity to propose them to the team.

➔

Set the stage for creativity and inclusivity

Go over the brainstorming rules and keep them in front of your team while brainstorming to encourage collaboration, optimism, and creativity.

1. **Encourage wild ideas** (if none of the ideas sound a bit ridiculous, then you are filtering yourself too much.)
2. **Defer judgement** (This can be as direct as hard words or as subtle as a condescending tone or talking over one another.)
3. **Build on the ideas of others** ("I want to build on that about the use of X, and...")
4. **Stay focused on the topic at hand**
5. **Have one conversation at a time**
6. **Be visual** (Draw and/or upload to show ideas, whenever possible.)
7. **Go for quantity**

➔

Interested in learning more?

Check out the Meta Think Kit website for additional tools and resources to help your team collaborate, innovate and move ideas forward with confidence.

Open the website ➔

1

Choose your best "How Might We" Questions

Share the top 5 brainstorm questions that you created and let the group determine where to begin by selecting one question to move forward with based on what seems to be the most promising for idea generation in the areas you are trying to impact.

⌚ 10 minutes

QUESTION

How might we improve the accuracy of diabetes risk prediction models?

QUESTION

How might we integrate AI-driven diabetes risk prediction into existing healthcare systems and workflows?

QUESTION

How might we make diabetes risk prediction accessible to underserved communities?

QUESTION

1. How might we personalize diabetes risk predictions for each individual's unique circumstance?

QUESTION

How might we engage and motivate individuals to adopt healthier lifestyles based on diabetes risk predictions?

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm solo
Have each participant begin in the "solo brainstorm space" by silently brainstorming ideas and placing them into the template. This "silent-storming" avoids group-think and creates an inclusive environment for introverts and extroverts alike. Set a time limit. Encourage people to go for quantity.

10 minutes

Person 1

Personalized Medicine

Healthcare Chatbots

Patient Education

Real-time Monitoring

Person 2

Collaboration with Healthcare Providers

Dietary Recommendations

Telemedicine Integration

Early Detection of Prediabetes

Person 3

Dashboard for Healthcare Professionals

Community Health

Explainable AI

Integration with Wearable Devices

Person 4

Customizable Risk Factors

Clinical Trials and Research

Continuous Glucose Monitoring (CGM)

Longitudinal Predictions for Children

3

Brainstorm as a group
Have everyone move their ideas into the "group sharing space" within the template and have the team silently read through them. As a team, sort and group them by thematic topics or similarities. Discuss and answer any questions that arise. Encourage "yes, and..." and build on the ideas of other people along the way.

15 minutes

Personalized Medicine

Healthcare Chatbots

Community Health

Customizable Risk Factors

Continuous Glucose Monitoring (CGM)

Integration with Wearable Devices

Patient Education

Explainable AI

Dietary Recommendations

Collaboration with Healthcare Providers

TIP
You can use the Writing Space tool above to focus on the strongest ideas.

Step-3: Idea Prioritization

4

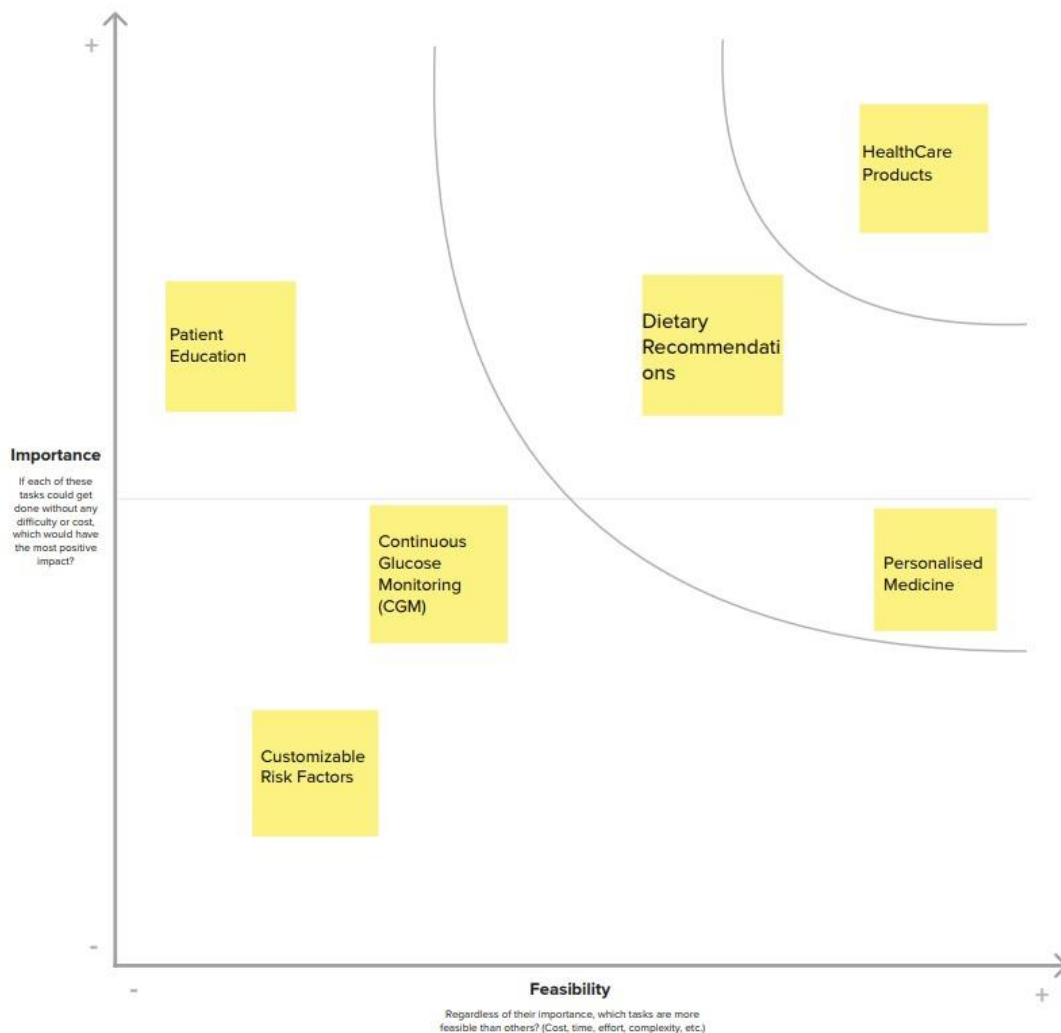
Prioritize

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

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.



Reference:

<https://app.mural.co/t/vitapuniversity7296/m/vitapuniversity7296/1698841045421/1b15491df4a6a16542c7ad9ec9d0c1ff313d1385?sender=u623bf941642d1646117b6659>

<https://app.mural.co/t/project5088/m/project5088/1698845618841/be378332c291f8b51c0229a2160268a8b1e2e969?sender=u90a5584c59485c7f9fd98440>

