

Ideation Phase

Brainstorm & Idea Prioritization

Date	18 October 2023
Team ID	Team-592529
Project Name	Disease Prediction Using Machine Learning
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization:

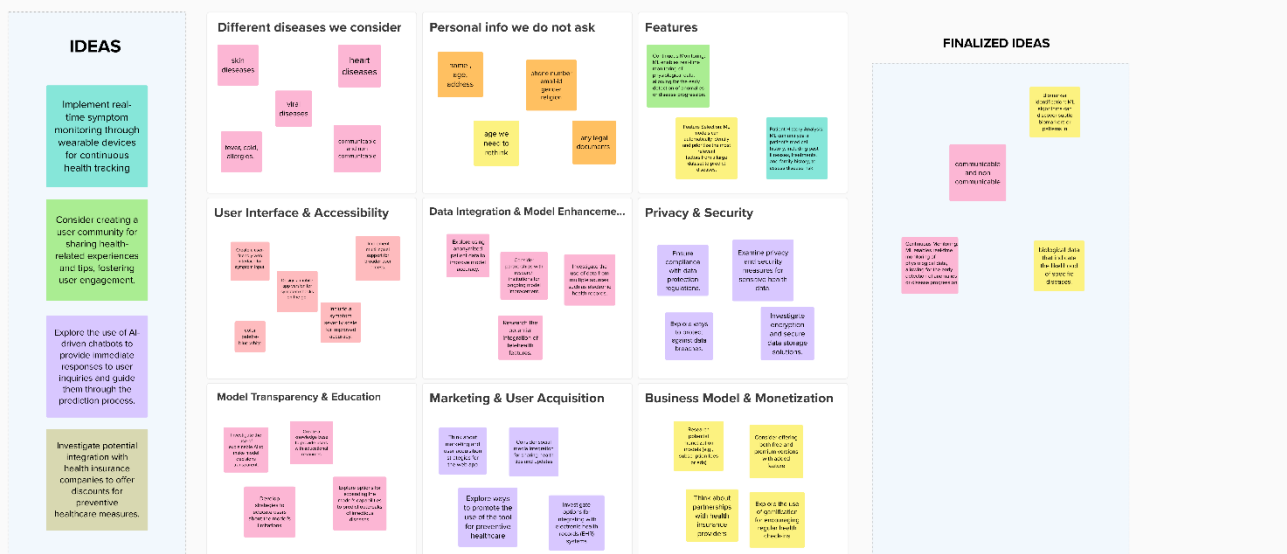
Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, 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.

Disease Prediction Using Machine Learning

1. Start brainstorming

Ayush Jain <ul style="list-style-type: none">Research data sources for building the symptom database.Examine privacy and security measures to protect sensitive health information.Consider potential of the ships with healthcare providers or telemedicine services.	Ryan Ranjit Abraham <ul style="list-style-type: none">Design a user interface that is accessible and easy to navigate for users of all ages.Investigate the use of anonymized patient data to improve model accuracy.Consider ways to provide users with actionable advice based on predictions.	Priyanshu Pattanaik <ul style="list-style-type: none">Investigate how to integrate new or complex diseases in the prediction model.Examine the potential for partnerships with health insurance providers.Consider offering both free and premium versions of the service with additional features.	Mathew Thomas <ul style="list-style-type: none">Explore machine learning techniques for model transparency.Research potential monetization models, such as subscription fees or ads.Explore social media integration for sharing health tips and updates.
<ul style="list-style-type: none">Prepare the latest developments in Computational Neural Networks (CNNs) for improved disease detection.Research how to provide explanations for model predictions to build user trust.Look into expanding the model's capabilities to include more diseases.	<ul style="list-style-type: none">Investigate web app development frameworks suitable for our project."Think about ways to educate users about the limitations of the model."Investigate regulatory and ethical considerations for a medical AI application.	<ul style="list-style-type: none">Prepare the use of visual change streams to enhance patient input and understanding.Consider the scalability of the system to handle a large number of users.Research the potential integration of selected AI features, like video consultations.Examine strategies for keeping the model up-to-date with evolving medical knowledge.	<ul style="list-style-type: none">Explore the use of explainable AI to make the model's decisions more transparent.Consider offering a "premium" tier with enhanced features and personalized recommendations.Investigate options for integrating with existing electronic health records (EHR) systems.
<ul style="list-style-type: none">Consider offering a "premium" tier with enhanced features and personalized recommendations.	<ul style="list-style-type: none">Examine the potential for partnerships with health insurance providers.Consider offering both free and premium versions of the service with additional features.	<ul style="list-style-type: none">Explore the use of explainable AI to make the model's decisions more transparent.Consider offering a "premium" tier with enhanced features and personalized recommendations.	<ul style="list-style-type: none">Explore machine learning techniques for model transparency.Research potential monetization models, such as subscription fees or ads.

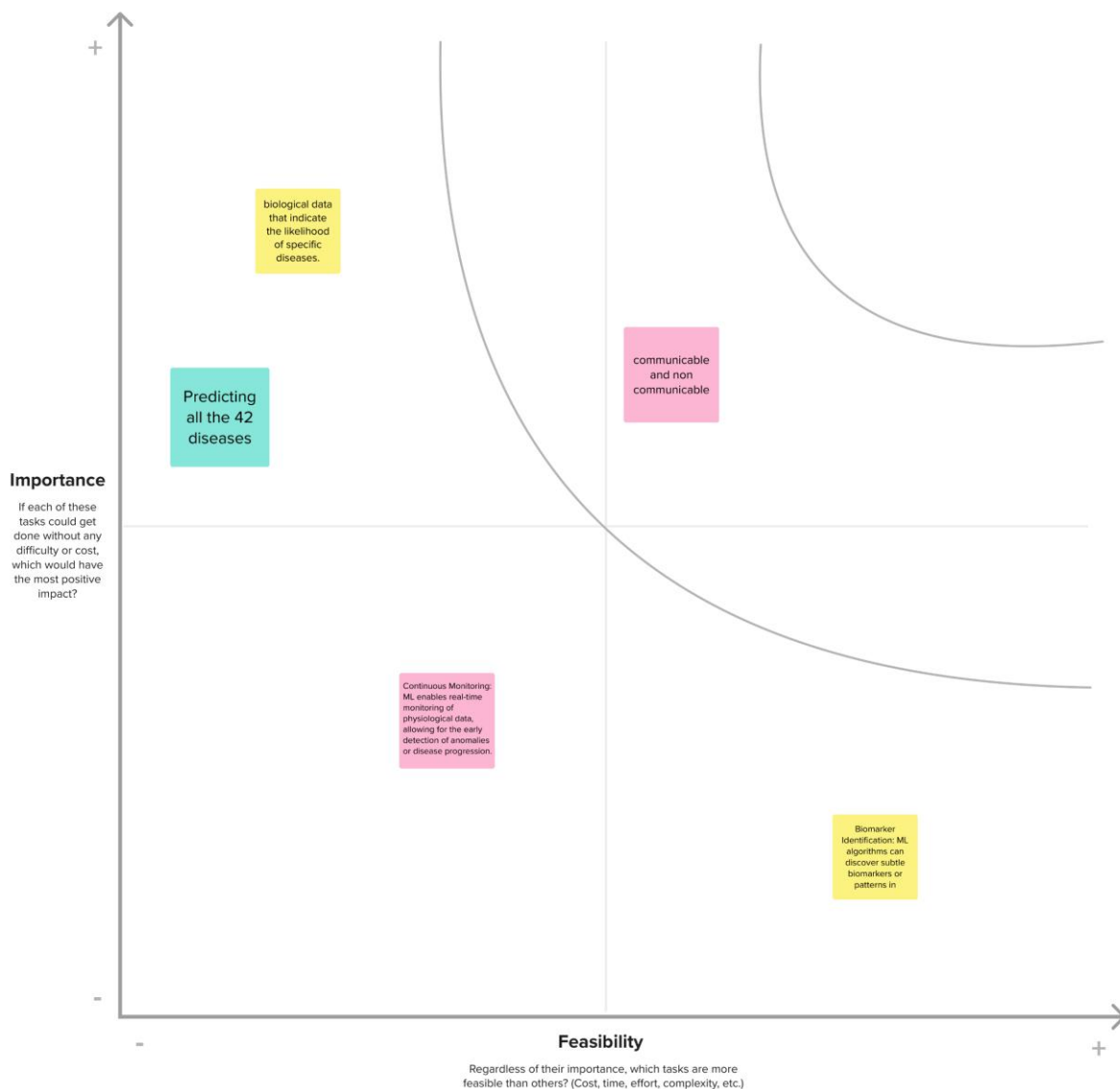
2. Cluster and vote



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



LINK TO THE DIAGRAM:

<https://app.mural.co/t/diseasepred9904/m/diseasepred9904/1697549249995/d6866edc6f91e809be518f241932bd41b6cea9ba?sender=u8244eca73f67a84ae5860534>