

Ideation Phase


Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID30154
Project Name	Project – Early Detection of Chronic Kidney Disease
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

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

Template



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

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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.

⌚ 10 minutes

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](#) ➔

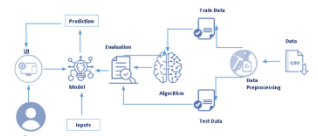
1

Define your problem statement

What problem are you trying to solve? Frame your problem as how you might we statement. This will be the focus of your brainstorm

⌚ 5 minutes

Chronic Kidney Disease (CKD) is a major medical problem and can be cured if treated in the early stages. Usually, people are not aware that medical tests we take for different purposes could contain valuable information concerning kidney diseases. Consequently, attributes of various medical tests are investigated to distinguish which attributes may contain helpful information about the disease. The information says that it helps us to measure the severity of the problem and we make use of such information to build a machine learning model that predicts Chronic Kidney Disease



```
graph LR
    User((User)) --> Inputs[Inputs]
    Inputs --> Model[Model]
    Model --> Prediction[Prediction]
    Prediction --> Evaluation[Evaluation]
    Evaluation --> Algorithm[Algorithm]
    Algorithm --> TestData[Test Data]
    TestData --> Model
    TestData --> Data[Data]
    Data --> DataProcessing[Data Processing]
    DataProcessing --> Data
```

Step-2: Brainstorm, Idea Listing and Grouping

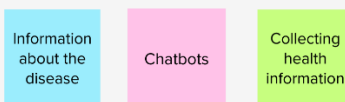
3

Group ideas

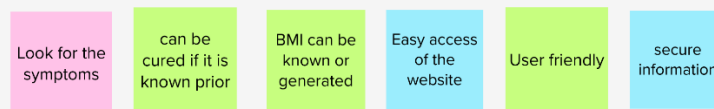
Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

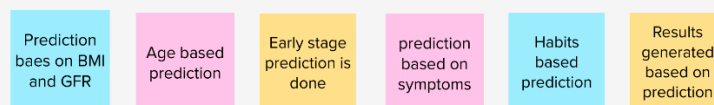
INPUTS



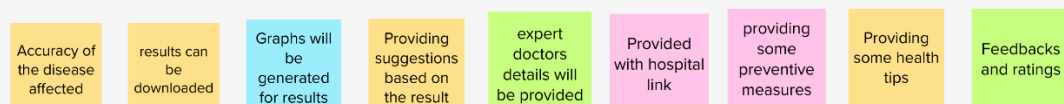
PROCESSING AND ANALYSING



PREDICTION



OUTPUTS



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!

Lakshmi S

Provided with hospital link	Chatbots	Age based prediction
Look for the symptoms	providing some preventive measures	prediction based on symptoms

Ramanan RS

Graphs will be generated for results	secure information	Information about the disease
Habits based prediction	Easy access of the website	Prediction baes on BMI and GFR

Ilamathi M

expert doctors details will be provided	can be cured if it is known prior	Feedbacks and ratings
User friendly	BMI can be known or generated	Collecting health information

Dhanush A

Early stage prediction is done	Accuracy of the disease affected	results can be downloaded
Providing some health tips	Results generated based on prediction	Providing suggestions based on the result

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



