Ideation Phase
Brainstorm&Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID01272
Project Name	Statistical Machine Learning Approach to Liver Disease Prediction
Maximum Marks	4 Marks

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

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

⏱ 10 minutes

DEEPTHI SHREE

To Find the variation of different types of Hepatitis	Suggest the consultation fees
Updating the back history of the patient to verify whether it is genetic or non genetic.	Obesity can also cause liver disease which can be predicted.

DEEPA

It concludes and displays the main cause or result in the website which has been created.	Notification will be send if the patient needs monitoring
It reduces the anxiety of the patient.	Exposure to certain chemicals can cause liver disease that can be predicted.

HARITA

It can also display the result in the app which has been created.	Suggest the best doctors in the field through website/app
Diabetes raises your risk of nonalcoholic fatty liver disease so checking that will be easier to predict.	Suggest whether liver transplant is required or not.

KEERTHIKA

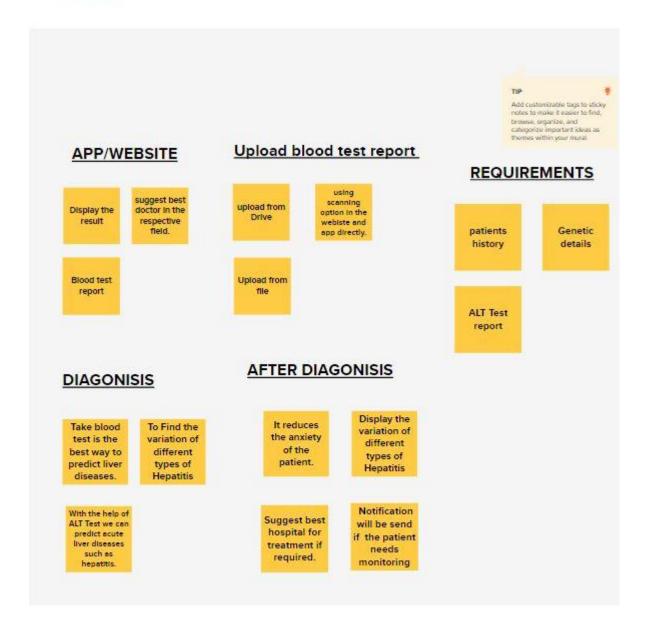|	
Blood test is the best way to predict liver diseases.	With the help of ALT Test we can predict acute liver diseases such as hepatitis.
Blood pressure is strongly linked to the development of fatty liver (hepatic steatosis).	Determines the level of fat accumulation in the liver.

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 and break it up into smaller sub-groups.

⏱ 20 minutes

APP/WEBSITE

Display the result

suggest best doctor in the respective field.

Blood test report

Upload blood test report

upload from Drive

using scanning option in the webiste and app directly.

Upload from file

REQUIREMENTS

patients history

Genetic details

ALT Test report

DIAGONISIS

Take blood test is the best way to predict liver diseases.

To Find the variation of different types of Hepatitis

With the help of ALT Test we can predict acute liver diseases such as hepatitis.

AFTER DIAGONISIS

It reduces the anxiety of the patient.

Display the variation of different types of Hepatitis

Suggest best hospital for treatment if required.

Notification will be send if the patient needs monitoring

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

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

- data collection
- To Find the variation of different types of Hepatitis
- Blood test is the best way to predict liver diseases.
- It concludes and displays the main cause or result in the website which has been created.
- It can also display the result in the app which has been created.
- With the help of ALT Test we can predict acute liver diseases such as hepatitis.
- Notification will be send if the patient needs monitoring
- Liver transplantation suggestion
- Updating the back history of the patient to verify whether it is genetic or non genetic.
- Suggestion of consultation fees
- Booking appointment
- Doctor recommendation

Feasibility