

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	22 September 2022
Team ID	PNT2022TMID46390
Project Name	EARLY DETECTION OF CHRONIC KIDNEY DISEASE
Maximum Marks	4 Marks

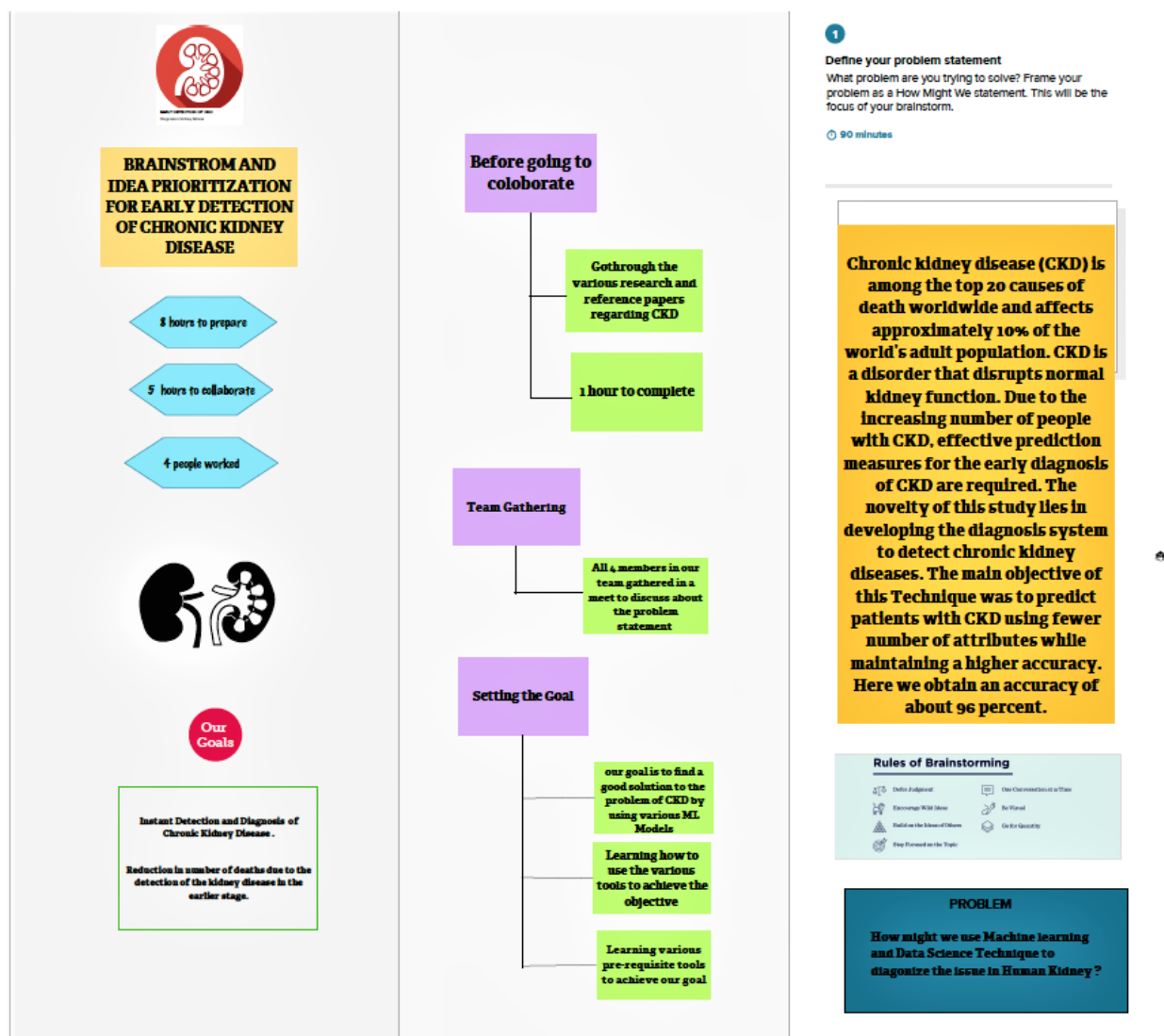
Brainstorm & Idea Prioritization:

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.

Reference:

<https://app.mural.co/t/assquare7573/m/assquare7573/1663656937350/b49824358331c973baa01b1a0d1f8c1d3c0bd1ea?sender=ue5cb05f708715dc2de1c0065>.

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.

90 minutes

SNEHA V	ANURADHA V	ABINAYA M	SANTHARAJAN I N
Create the Awareness among the disease occur in Human kidney	People must follow Diet, Exercise and take care of themselves	Most of the Aged people may affect	There are no Significant disease for detection of Kidney Failure
Frequent Check-ups for the people	Avoid doing kidney transplant it may affect both	Avoid Smoking And Alcoholism	There are many stages in CKD
Stay Hydrated	Check color of urine	Dialysis is a temporary and time saved treatment to fight with kidney disease	Statically analysing the collected data using virtualization tools to get more accurate results
All Should maintain diet control	Intake of Limited amount of sodium	Some develop CKD overtime due to illness damage or there were born with it	Check anemia, edema, urea, packed cell volume diabetes
Restriction to amount of protein in diet may slow down the progression	Avoid taking high dosage of medicine	Provide itself Analysis about decrease in output with irregular heart beat	Eat Healthy Vegetables and maintain Diet

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.

90 minutes

DETECTION

- Check Blood Sugar Level, Anemia, Edema, Abnormal creatinine
- Take Self Urine Test at Home

PRECAUTIONS

- For those above 40 you can take less intake of salt may prevent
- Decrease intake of refined foods, sugar and meats
- Choose food with right amount of potassium and phosphorous

ADVANTAGES

- Avoid Doing Kidney Transplant
- Easy picking of Healthy Kidney Donor

CAUSES

- Hypertension, high Blood Pressure are major causes
- Cardiovascular disease and smoking, obesity are some of the causes
- Reduce amount of sodium and Cholesterol in the food intake

PREVENTIVE MEASURES

- Eat Healthy Diet
- Don't take over the anti-inflammatory pain killers regularly
- Take appropriate fluid intake

DRAWBACK

- No ML technique has 100% accuracy
- Chronic Kidney Disease has no major symptoms

Step-3: Idea Prioritization

