IDEATION PHASE
BRAINSTORMING

TEAM ID:PNT2022TMID03488

BRAINSTORM AND 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.

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

STEP 2: Brainstorm,Idea Listing

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Brainstorm

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

🕐 10 minutes

AKASH N

USING SMART DEVICES TO MONITOR THE AREA	WEB APP FOR MANAGING AND DISPLAYING DATA
CONSTANT MONITORING 24/7	ALERT SHOULD BE GIVEN PROMPTLY TO EVERYONE

PRAKASH S

WATERPROOF WEARABLE DEVICE	COMFORTBLE TO WEAR
ADDITION OF BLUETOOTH BASED MONITORING	PROVISION OF ALERT WHEN THE VALUE REACHES BEYOND THE THRESHOLD

ANKIREDDYGARI ANIL

MONITORING AND MAINTENANCE CAN BE DONE BY THE ADMIN	PROVISION OF SAFETY AND THE SECURITY
PROVISION OF THE USER FRIENDLY PROCESS	SENSORS WITH OPTIMAL SENSITIVITY

GOUTHAM G

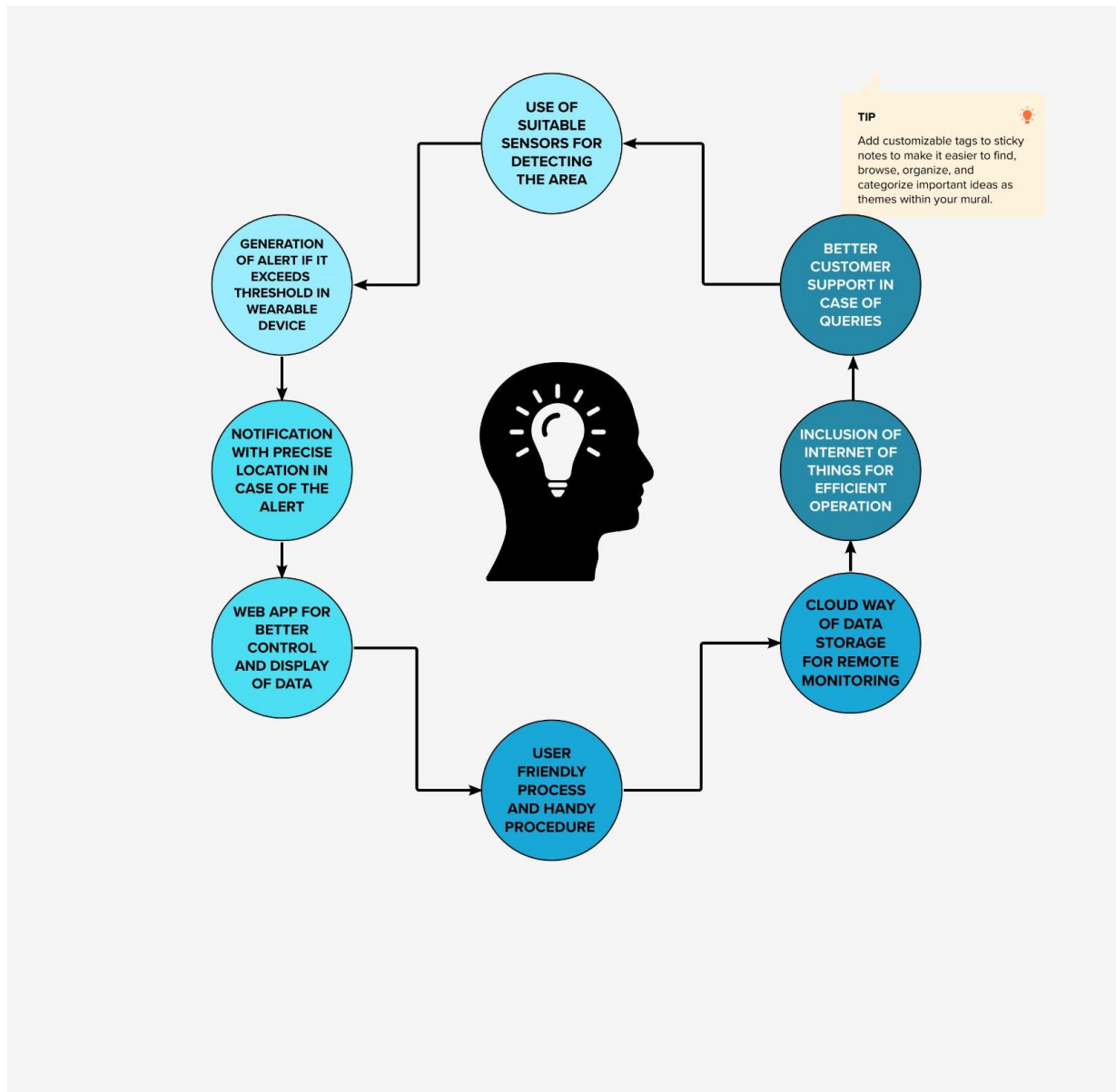|	
DATABASE SHOULD BE MAINTAINED SECURELY	COST EFFECTIVE OPERATION
IMPROVED CUSTOMER SERVICE AND RETENTION	DETECTION OF THE LOCATION SHOULD BE PRECISE

STEP 3: Grouping

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**

STEP 4: 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?

THE ADMIN CAN VIEW DATA, ALERTS IF GENERATED AND CAN TAKE NECESSARY PRECAUTIONS IF REQUIRED

SMART BEACON DEVICES SENSES THE AREA AND BROADCASTS IT

ALERT IS GENERATED IS THE SENSED VALUES EXCEEDS THE THRESHOLD

ALERT IS SENT TO THE ADMIN AND WORKERS WITH PRECISE LOCATION

SMART WEARABLE DEVICES WORN BY WORKERS ACT AS BEACON SCANNERS

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.

DATA IS SENT TO THE CLOUD FOR STORING AND WEB APP IS USED FOR DISPLAYING DATA

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)