IDEATION PHASE BRAINSTORMING AND IDEA GENERATION

Date	17 September 2022
Team ID	PNT2022TMID46424
Project Name	Project - Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

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



Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

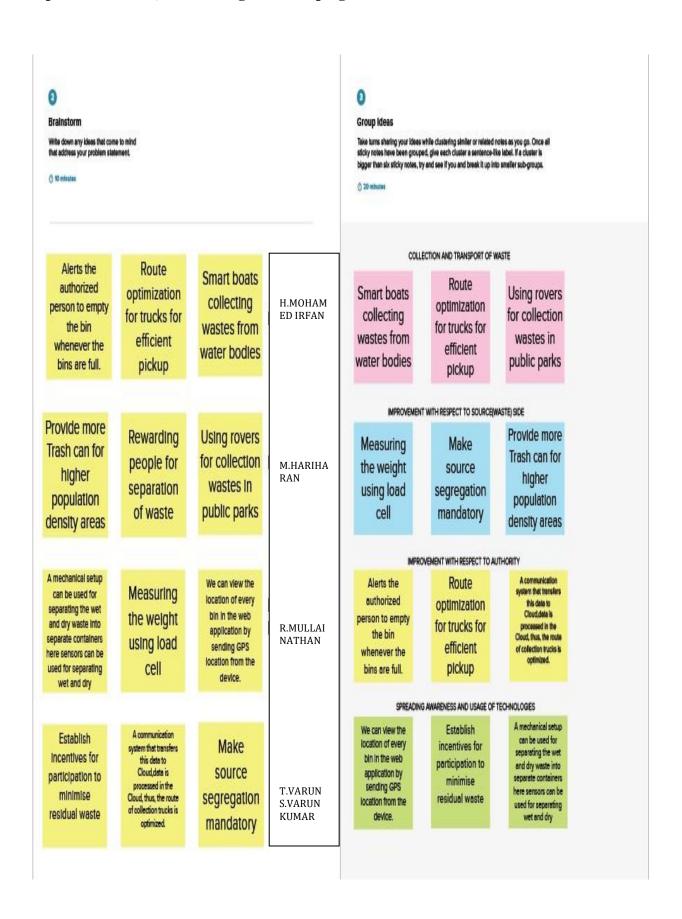


PROBLEM

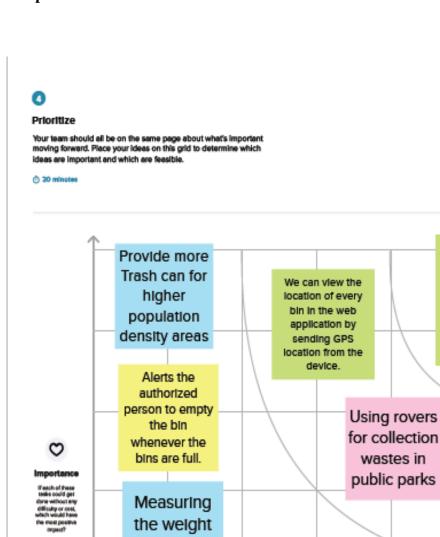
How might we manage the amount of waste produced everyday by the industries and the households.?

Due to the increasing waste, the public bins which are used for collecting this waste are overflowing, the locality is jumbled of trash, causing not only maiodorous streets but also a negative impact on the health and environment.

Step-2: Brainstorm, Idea Listing and Grouping



Step-3: Idea Prioritization



using load cell

A mechanical setup can be used for separating the wet and dry waste into separate containers here sensors can be used for separating wet and dry Smart boats collecting wastes from water bodies A communication system that transfers this data to Cloud,data is processed in the Cloud, thus, the route of collection trucks is optimized.

12

Route

optimization

for trucks for

efficient

pickup

Feasibilit

Regardless of their importance, which tests are more