Ideation Phase Brainstorm & Idea Prioritization Template

Date	19 October 2022
Team ID	PNT2022TMID28587
Project Name	SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES
Maximum Marks	4 Marks

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

PROBLEM STATEMENT:

Poor waste management ranging from non-existing collection systems to ineffective disposal -causes air pollution, water and soil contamination. Open and unsanitary landfills contribute to contamination of drinking water and can cause infection and transmit diseases. IoT-based smart sensors help you utilize smart bin sensor technology, which Track the location with real-time data. View fullness levels for creating daily optimized routes for collection.

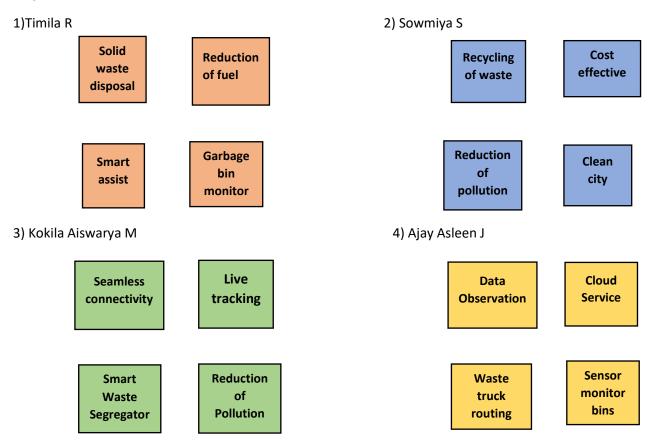
TEAM LEADER:

1) R Timila

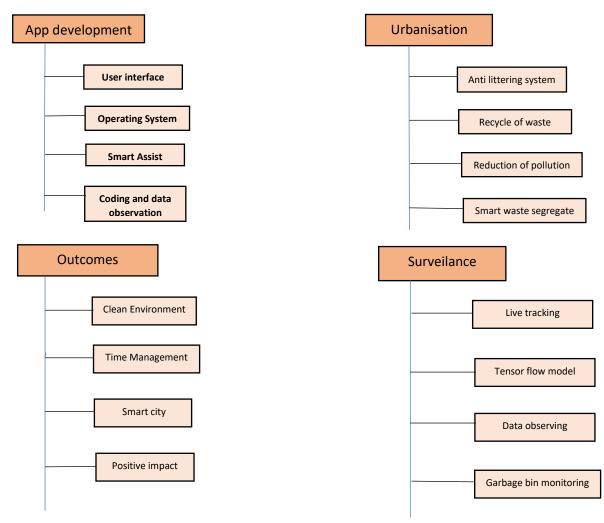
TEAM MEMBERS:

- 1) M Kokila Aiswarya
- 2) S Sowmiya
- 3) J Ajay Asleen

Step-2: Brainstorm



Step-3: Group Ideas



Step-4: Prioritize

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Reduction of pollution	Anti littering system	Smart assist	Garbage Bin monitoring	Operating system	Coding And data observation
Recycle of waste	Data observing	Live tracking	User interface	Smart waste segregate	
			Time management		Tensor Flow model
Positive impact		Smart city		Operating system	
	Waste truck routing		Clean environment		

x--->Feasibility
y--->Importance