

## IDEATION PHASE

### DEFINE THE PROBLEM STATEMENTS

*Date	28 September 2023
Team ID	Proj_212174_Team_1
Project name	Measurement of Energy consumption
Maximum marks	

#### Customer Problem Statement Template:

Energy consumption is the use of power or energy of a system by making use of supply. The consumption is done in Giga Joule per year, kilograms of oil equivalent per year (kg/a) and in Watts.

World energy consumption is projected to increase almost 50% from 2020 levels by 2050. As global energy demand increases, it is essential for us to understand energy data so we can take action to minimize the negative effects of energy production on our planet. The total energy consumption is projected to reach 580 millions terajoules in 2022.

Problem Statement(PS)	I am	I'm trying	But	Because	Which makes me feel
PS-1	Home resident	Rotate the fan fast	I can't able to rotate the fan	Of low voltage The fan cannot run fast	Frustrated
PS-2	House wife	clean the clothes in washing machine quickly	I can't able to Wash the clothes quickly	Of Heavy load the machine runs slowly	Helpless
PS-3	Building worker	Construct Buildings	Can't meet the deadline	Of the workload	Unemployed
PS-4	Cab drivers	Refill my fuel	I can't afford it	Of how high the price is	Helpless
PS-5	Industrial Worker	Use service appliances	I can't work	Of the electric energy used	Unfair