PREDICTING THE ENERGY OUTPUT OF WIND TURBINE BASED ON WEATHER CONDITION

1.CUSTOMER SEGMENT(CS)

The person who needs to identify the amount of energy produce from wind turbine based on the speed

6.CUSTOMER CONSTRAINT

Customer can only login

Only Admin can able to access the

. They can't able to access the wind turbine.

5.AVAILABLE SOLUTION

They depend on number of factors.

efficiency is increased

meteorologist decreased

2.JOB-TO-BE-DONE / PROBLEM

Meteorologist manually take every value

Calculate the value for theoretical power

Time taking process

Any kind of error will cost a huge amount to the government

9.PROBLEM ROOT CAUSE

Map weather data to energy production

data that is publicly available for weather

Wind farm used to give prediction of the energy output.

7. BEHAVIOUR

GAIN:

Inexhaustible

Non pollutant

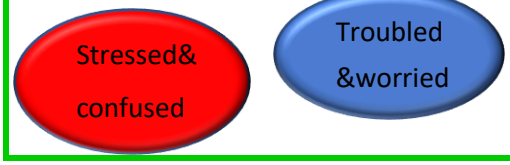
PAIN:

Unpredictability

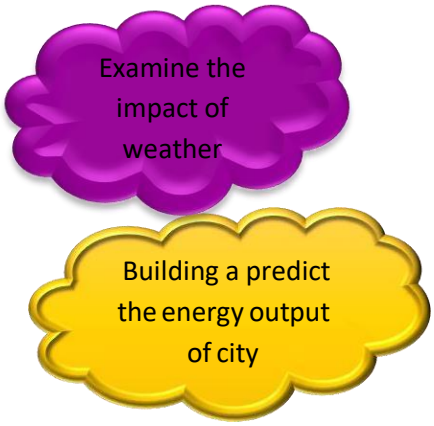
It is a threat to wildlife

3. TRIGGERS

4. EMOTIONS:



10. YOUR SOLUTION



8. CHANNELS OF BEHAVIOUR

ONLINE: