V.S.B ENGINEERING COLLEGE, KARUR

DEPARTMENT OF INFORMATION TECHNOLOGY

IBM NALAIYA THIRAN

EMPATHY MAP

TITLE NAME	**:**	Gas Leakage Monitoring And Alerting System
DOMAIN NAME	**:**	Internet Of Things (IOT)
TEAM LEAD NAME	**:**	Harunyaa P
TEAM MEMBERS NAME :		Archana S
		Brindha M
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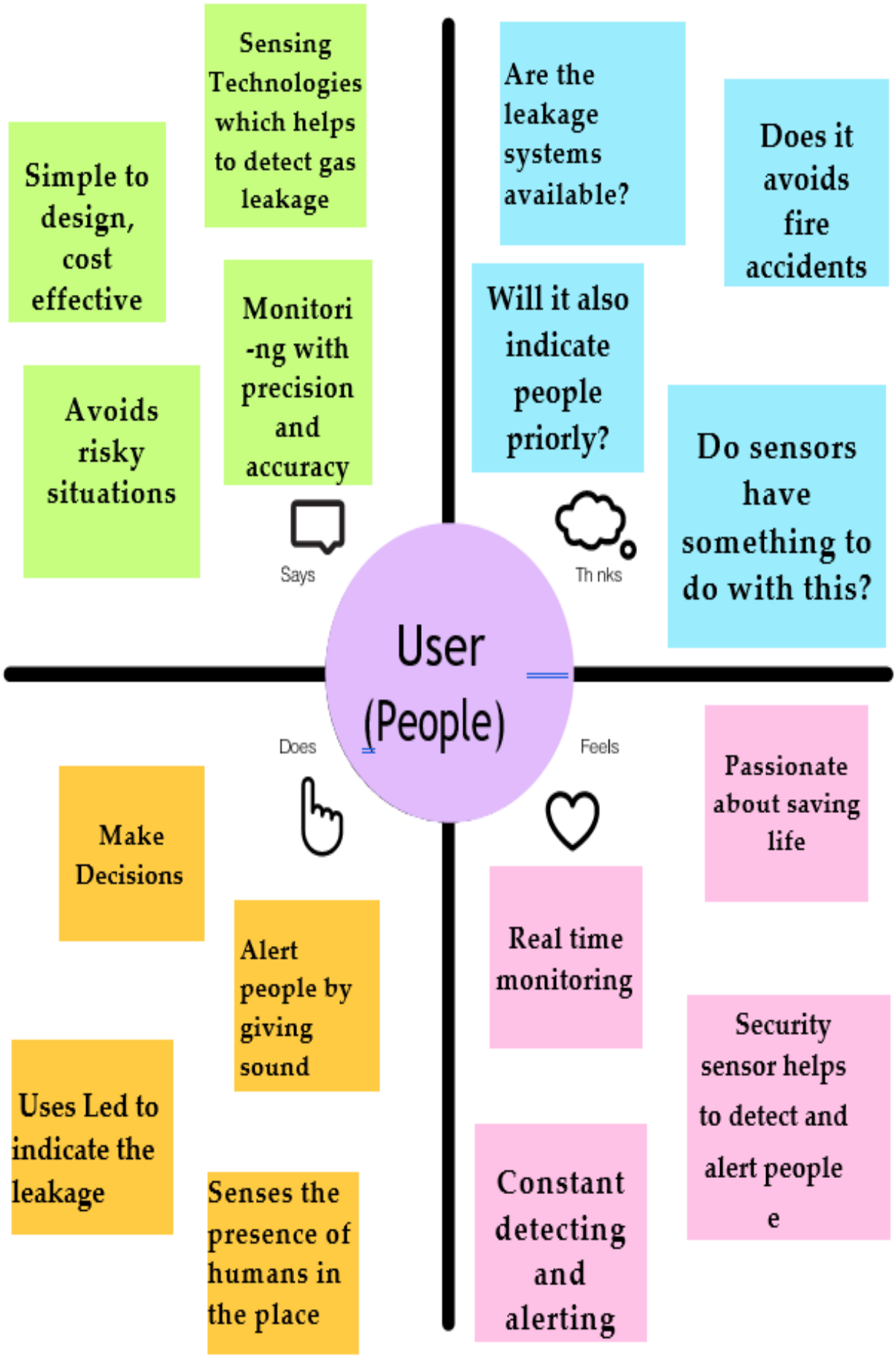
MENTOR NAME	**:**	Nelson S

PROBLEM STATEMENT :

Gas leakage leads to various accidents resulting into both financial loss as well as human injuries. In human's daily life, environment gives the most significant impact to their health issues. The risk of fires, explosion, suffocation, all are based on their physical properties such flammability, toxicity etc. The number of deaths due to the explosion of gas cylinders has been increasing in recent years. The reason for such explosion is due to sub-standard cylinders, old valves, worn out regulators and lack of awareness using gas cylinders add to risks. Inspections by oil companies found that many LPG consumers are unaware of safety checks of gas cylinders. In order to minimize or eliminate the hazard of gas leakage there is a need for a system to detect and alert on such incidence leading to the development of this project.

EMPATHY MAP :

Empathy map for the Gas Leakage Detection And Monitoring System gives the detailed and cleared view about the knowledge of the people after they knowing about this technology and our project .


Sensing Technologies which helps to detect gas leakage
Simple to design, cost effective
Monitori -ng with precision and accuracy
Avoids risky situations
Says
Are the leakage systems available?
Does it avoids fire accidents
Will it also indicate people priorly?
Th nks
Do sensors have something to do with this?
User (People)
Does
Feels
Make Decisions
Alert people by giving sound
Uses Led to indicate the leakage
Senses the presence of humans in the place
Passionate about saving life
Real time monitoring
Security sensor helps to detect and alert people e
Constant detecting and alerting