

## Ideation Phase Empathize & Discover

Date	29 April 2023
Team ID	NM2023TMID1815
Project Name	Remote Gas Pipeline Tunnel Temperature Monitoring System
Maximum Marks	4 Marks

### Remote Gas Pipeline Tunnel Temperature Monitoring System

The leading engineering and system integration providers needed exactly the right solution for a challenging gas pipeline application. The system integrator realized that monitoring the temperature of a gas pipeline tunnel is crucial for safe operations. In the confined space of a tunnel, temperature rises easily, and the overheating could cause pipeline fractures that could lead to gas leaks or even explosions. This may cause loss of property and human loss, so in order to overcome that a remote monitoring system is designed which is used to monitor temperature levels, gas leakage and also pressure at the gas pipeline tunnel at various places.

### Empathy Map Canavas

