

# Project Design Phase 1- Solution Fit

Team ID : PNT2022TMID02525

<b>1. CUSTOMER SEGMENT(S)</b>  Gas & Oil sector, Chemical Industries, Wastewater treatment, Semiconductor manufacturing, Mining Industries.	<b>6. CUSTOMER LIMITATIONS</b>  No real time updates and alerts about leakage with location, only one gas can be measured with each instrument.	<b>5. AVAILABLE SOLUTION(S)</b>  Provides alert by means of Alarm.
<b>2. PROBLEMS / PAINS</b>  Health issues like breathing difficulties, Fire accident, Financial loss.	<b>9. PROBLEM ROOT / CAUSE</b>  Faulty pipeline, Poor ventilation, Fuel Pressure regulator issues, Fitting and connection issues.	<b>7. BEHAVIOR</b>  Less response time, only one particular gas can be detected.
<b>3. TRIGGERS TO ACT</b>  Monitoring 24/7 , High sensitivity, Emergency action, User friendly interface	<b>10. SOLUTION</b>  Provides real time updates and alerts about leakage with location to the website. Detection of temperature and humidity. Emergency actions like water sprinkler is used.	<b>8. CHANNELS OF BEHAVIOR</b>  Social media platforms like YouTube, Instagram and Facebook.
<b>4. EMOTIONS</b>  Before - Risk of financial loss and human life. After - No risk of financial loss and human life.		