

**Ideation Phase**  
**Define the Problem Statements**

Date	14 October 2022
Team ID	PNT2022TMID03152
Project Name	Gas leakage monitoring and alerting system for industries
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<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I am trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	Industrialist	Monitor gas leakage in the industry	I have no efficient system for monitoring	High cost and Complicated process of Installing	Disappointed
PS-2	Industrialist	Control the gas leakage	Also, the installation process is too complicated	The number of sensors is unpredictable and the positioning of equipment is improper	Frustrated