Project Initialization and Planning Phase

Date	19 June 2025
Team ID	SWTID1749821186
Project Name	Enhancing Product Reliability: Leveraging Transfer Learning for Fault Detection
Maximum Marks	3 Marks

Problem Statement:

I am (Customer)	part of a team in the casting industry
I'm trying to	ensure that every product we ship is free from defects
But	our current inspection process is manual and inconsistent
Because	it relies on human judgment, which is time-consuming and prone to error
Which makes me feel	frustrated and worried about costly rejections and production delays.