

Project Initialization and Planning Phase

Date	28 January 2026
Team ID	LTVIP2026TMIDS66291
Project Name	Civil Engineering Insight Studio
Maximum Marks	3 Marks

Define Problem Statements:

The problem is the lack of a quick and reliable method to analyze construction materials directly from site images and obtain accurate information about material type, quantity, and location. Therefore, the problem statement highlights the need for an intelligent tool, such as Civil Engineering Insight Studio, that can automate material identification and provide clear insights to improve decision-making, save time, and reduce errors in construction management.

Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	A food blogger	Create detailed, and high-quality recipe blog content in less time	Writing long and recipe blogs manually is time-consuming	It requires research, creativity, formatting, and consistency	Frustrated and less productive
PS-2	A cooking enthusiast	Generate customized recipes	Existing recipes available online are generic and not customizable	Most platforms do not offer AI-driven recipe blog generation	Dissatisfied and overwhelmed while planning meals