

Project Initialization and Planning Phase

Date	8 August 2025
Skillwallet ID	SWUID20250188620
Project Name	Anemia Sense: Leveraging Machine Learning for Precise Anemia Recognitions
Maximum Marks	3 Marks

Define Problem Statements (Patient Problem Statement Template):

The current process for assessing anemia risk can be inaccessible for individuals seeking a quick, preliminary check-up. This creates a gap in proactive health management, where people may delay visiting a doctor due to time, cost, or inconvenience. Applicants for this kind of information, particularly health-conscious individuals or those experiencing early symptoms, face hurdles in getting immediate, data-driven feedback on their health status. These challenges can lead to anxiety and a delay in seeking professional medical advice. To enhance health awareness and empower users, we aim to address these pain points. By understanding the user's desire for an accessible and immediate risk assessment tool, we can create an efficient, user-friendly experience that encourages proactive health management and fosters a positive approach to personal well-being.



Problem Statement (PS)	I am (Patient)	I'm trying to	But	Because	Which makes me feel
PS-1	I am a health-conscious person or someone experiencing early anemia symptoms.	I'm trying to get a quick, preliminary assessment of my anemia risk without visiting a doctor immediately.	I do not have a convenient, accessible, and accurate tool to check my risk level using my recent blood test results.	The existing process is time-consuming, requires appointments, and may be costly.	Anxious about my health but motivated to take a proactive step towards understanding my condition.