

Project Initialization and Planning Phase

Date	21 July 2025
Team ID/ Skill Wallet ID	SWUID20250195143
Project Name	Anemia Sense: Leveraging Machine Learning For Precise Anemia Recognitions
Maximum Marks	3 Marks

Problem Statements:

Anemia is a widespread health condition characterized by low hemoglobin levels or a reduced red blood cell count, often going undiagnosed until it becomes severe. Traditional detection methods require physical consultations and lab tests, which can be time-consuming and inaccessible for individuals in rural or underserved areas. Additionally, the lack of personalized treatment recommendations and continuous monitoring contributes to delayed interventions and poor patient outcomes.

To address these challenges, our project leverages machine learning to create a solution that enables early detection, personalized treatment planning, and remote monitoring of anemia patients. By integrating predictive analytics with user-friendly digital platforms, we aim to improve diagnostic accuracy, enhance treatment effectiveness, and make anemia management more accessible and efficient.

I am	I'm trying to	But	Because	Which makes me feel
A patient concerned about their health	Detect early signs of anemia	I don't have easy access to frequent medical tests	I live in a rural area with limited facilities	Worried about my health and delayed diagnosis

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A patient concerned about their health	Detect early signs of anemia	I don't have easy access to frequent medical tests	I live in a rural area with limited facilities	Worried about my health and delayed diagnosis