

Project Initialization and Planning Phase

Date	21 June 2025
Team ID	SWTID1749634408
Project Name	Early Prediction for Chronic Kidney Disease Detection: A Progressive Approach to Health Management
Maximum Marks	3 Marks

Problem Statement (Customer Problem Statement Template):

Early detection of Chronic Kidney Disease (CKD) remains a major challenge, with many patients diagnosed only in advanced stages due to limited awareness and lack of predictive tools. This delay leads to higher treatment costs, poorer health outcomes, and patient frustration. To improve care, we aim to address these gaps by developing a predictive solution that enables early identification and intervention. This approach will support proactive health management, enhance patient trust, and promote better long-term outcomes.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A healthcare provider / data scientist focused on preventative care	Identify early signs of CKD	Patients often present symptoms only at advanced stages	There is a lack of accessible, early-stage diagnostic tools using available health data	Motivated to build a predictive system for early CKD detection