

Project Initialization and Planning Phase

Date	24 June 2025
Team ID	SWTID1750058607
Project Name	Early-Stage Disease Diagnosis System Using Human Nail Image
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Early signs of various health conditions can appear on human nails but are often overlooked due to lack of awareness or medical access. This project proposes a deep learning-based model that analyzes nail images to detect potential health issues at an early stage. It offers a non-invasive, fast, and accessible method for early disease screening, especially in resource-limited environments.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a concerned individual	detect early signs of health issues from physical symptoms	I don't have access to medical tools or expertise	symptoms like nail changes are often overlooked	uncertain and worried about my health
PS-2	a healthcare worker in a rural area	screen patients quickly for possible health concerns	I lack diagnostic equipment	early signs are subtle and not easy to diagnose	helpless and frustrated