 

Project Initialization and Planning Phase

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| 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.

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| 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 diagnosti c equipme nt | early signs are subtle and not easy to diagnose | helpless and frustrated |