Data Collection and Preprocessing Phase

Date	20-06-2025
Team ID	SWDTID1749906902
Project Title	Early Stage Disease Diagnosis System Using Human Nail Image Processing
Maximum Marks	2 Marks

Data Quality Report:

The Data Quality Report will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

Data Quality Report:

Data Source	Data Quality Issue	Severity	Resolution Plan
Kaggle Dataset	Inconsistent image resolutions and dimensions.	Moderate	Standardize image resolutions and dimensions through resizing and cropping.
Kaggle Dataset	Presence of noise or artifacts in nail images (e.g., lighting variations, shadows, reflections).	Moderate	Apply image denoising and enhancement techniques (e.g., Gaussian blur, histogram equalization).