Data Collection and Preprocessing Phase

Date	24 July 2024
Team ID	**SWUID20240034367**
Project Title	**Anemia-Sense-Leveraging-Machine-Learning-For-Precise-Anemia-Recognitions-using-python**
Maximum Marks	2 Marks

Data Collection Plan Template

Section	Description
Project Overview	This project aims to develop an end-to-end dog breed identification system using transfer learning and deep learning techniques. The objective is to accurately classify the anemia disease detection from images by leveraging pre-trained models and deploying the solution via a Flask web application.
Data Collection Plan	The Data Collection and Preprocessing phase is a critical step in the development of any machine learning model, particularly for medical applications like anemia detection. This phase involves the systematic acquisition, exploration, and refinement of data to ensure that it is suitable for feeding into machine learning algorithms. Given the sensitive nature of medical data and the complexity of the task at hand, careful attention was paid to every aspect of this process. Data Acquisitio
Raw Data Sources Identified	List of raw data sources with relevant details:

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1	A collection of labeled images of anemia disease. Details like Gender, Hemoglobin, Mean Corpuscular Hemoglobin (MCH), Mean Corpuscular Hemoglobin Concentration (MCHC), Mean Corpuscular Volume (MCV), and Result.	https://www.kaggle.com/datasets/biswaranjanrao/anemia-dataset/data	Image	66MB	Public