



Data Collection and Preprocessing Phase

Date	21/06/25
Team ID	SWTID1750180744
Project Title	Smart Sorting: Transfer Learning for
	Identifying Rotten Fruits and Vegetables
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification

Data Collection Plan Template

G 4.
Section
Project Overview





	y custom top layers for efficient fine-tuning.
17 1	
vegetable-c	w.kaggle.com/datasets/muhammad0subhan/fruit-and- lisease-healthy-vs-rotten? t+And+Vegetable+Diseases+Dataset
each represent different type training and detection. It access and tasks. Identified Images in • Cate Pota Pota • Res Purpose in Used to train	egories like AppleHealthy, BananaRotten, atoHealthy, etc. olutions vary; mostly clear, high-quality images

Raw Data Sources Template

					Access	
Source		Location/U			Permission	
Name	Description	RL	Format	Size	s	
Dataset 1	This dataset has been	https://www.				
	compiled from various	kaggle.com/		Varies, after		
	reputable sources,	datasets/muh	Image	rescaling it is	Public	
	including Kaggle and	ammad0subh		(244,244)		
	GitHub repositories.	an/fruit-and-				





Each image			
has been manually			
inspected and	vegetable-		
categorized to ensure	disease-		
high quality and	healthy-vs-		
relevance for the task	rotten		
of disease detection in			
fruits and vegetables.			