

Date	20/06/25
Team Id	SWTID1750180744
Project Name	Smart sorting: Transfer Learning for Identifying Rotten
Maximum Marks	3 Marks

Define problem Statement

Problem Statement - 1

I am	I'm trying to	But	Because	Which makes me feel
Farmer	Figure out fresh and rotten fruits and vegetables	It takes very long time and can cause huge mistakes	they rely heavily on human inspection or outdated models that can't adapt to different produce types or conditions.	loss of customer trust

Problem Statement - 2

I am	I'm trying to	But	Because	Which makes me feel
quality control manager in a food supply chain	quickly and accurately identify and separate rotten fruits and vegetables from the fresh ones	current manual or basic automated sorting systems are slow, inconsistent, and often inaccurate	they struggle to handle natural variations in shape, color, and lighting conditions, leading to frequent misclassification.	Concerned