Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	27 June 2025
Team ID	LTVIP2025TMID44620
Project Name	Smart Sorting: Transfer Learning For Identifying Rotten Fruits and Vegetables
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Entry	Open the webpage and upload image of fruits or vegetables.
FR-2	Prediction using deep learning	Backend flask uses pre trained VGG16 to classify the input as fresh or rotten
FR-3	Display result	System will returns the classification label

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	
NFR-2	**Security**	
NFR-3	**Reliability**	
NFR-4	**Performance**	
NFR-5	**Availability**	
NFR-6	**Scalability**	