

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	10 February 2026
Team ID	LTVIP2026TMIDS52086
Project Name	Comprehensive Analysis and Dietary Strategies with Tableau: A College Food Choices Case Study
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Data Import & Management	Import dataset Refresh dataset Manage data fields
FR-2	Data Preprocessing	Remove null values Format data types Clean dataset Create calculated fields
FR-3	Dashboard Creation	Create Dietary dashboard Create Health dashboard Create Lifestyle dashboard Add filters
FR-4	Data Visualization & Insights	Generate charts Provide dietary strategies
FR-5	Reporting & Publishing	Publish to Tableau Public Generate PDF Share link

Non-Functional Requirements:

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Dashboard should be simple and easy to navigate
NFR-2	Security	Dataset should be securely stored and protected
NFR-3	Reliability	Dashboard should function without errors
NFR-4	Performance	Visualizations should load quickly without delay
NFR-5	Availability	Dashboard should be accessible online via Tableau Public
NFR-6	Scalability	System should support future data additions