

## Data Collection and Preprocessing Phase

Date	15 March 2024
Team ID	SWTID1720188483
Project Title	Nutrition App Using Gemini Pro : Your Comprehensive Guide To Healthy Eating And WellBeing
Maximum Marks	2 Marks

### Data Collection Plan & Raw Data Sources Identification Report:

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

### Data Collection Plan:

Section	Description
Project Overview	An innovative mobile application designed to provide personalized dietary recommendations and nutritional advice using the advanced capabilities of the Gemini Pro model. The app leverages artificial intelligence to analyze user data, dietary preferences, and health goals, delivering tailored meal plans, nutritional insights, and wellness tips. The primary aim of Nutritionist AI is to promote healthier eating habits and improve overall well-being through intelligent and data-driven recommendations.
Data Collection Plan	<ul style="list-style-type: none"> <li>Web framework like Streamlit, it might create a user interface with dropdowns, sliders, text input fields, and potentially an image upload option where users interact with these elements to provide their preferences or queries</li> </ul>

Raw Data Sources Identified	<p>The core functionality comes from the google.generativeai library.</p> <p>This library provides methods to:</p> <p>Send the processed (or raw) user input to the Generative AI model.</p> <p>Receive the generated response from the mode</p>
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### Raw Data Sources Report:

Source Name	Description	Format	Size	Access Permissions
User Input	The dataset comprises Meal type, Intake type, cuisine and goal	ENV	15 kB	Public