Data Collection and Preprocessing Phase

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| Date | 21 March 2024 |
| Team ID | SWTID1720437635 |
| Project Title | Nutrition App Using Gemini Pro: Your Comprehensive Guide to Healthy Eating and Well-Being. |
| Maximum Marks | 2 Marks |

# Data Collection Plan & Raw Data Sources Identification Report:

Enhance your data strategy with the Data Collection plan and the Raw Data Sources report,

guaranteeing precise data curation and integrity for well-informed analysis and decision-making.

# Data Collection Plan:

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| **Section** | **Description** |
| Project Overview | An innovative mobile application designed to offer personalized dietary recommendations and nutritional advice using the advanced capabilities of the Gemini Pro model. The app employs artificial intelligence to analyze user data, dietary preferences, and health goals, delivering customized meal plans, nutritional insights, and wellness tips. The primary goal of Nutritionist AI is to foster healthier eating habits and enhance overall well-being through intelligent, data-driven recommendations. |
| Data Collection Plan | * Using a web framework like Streamlit, the app can create a user interface with dropdowns, sliders, text input fields, and potentially an image upload option, allowing users to provide their preferences or queries. |

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| Raw Data Sources Identified | The core functionality relies on the google.generativeai library, which provides methods to:   * Send the processed (or raw) user input to the Generative AI model. * Receive the generated response from the model. |

**Raw Data Sources Report:**

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| **Source Name** | **Description** | **Format** | **Size** | **Access Permissions** |
| User Input | The dataset comprises Meal type, Intake type, cuisine and goal | ENV | 18 kB | Public |