**Model Development Phase Template**

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| --- | --- |
| Date | 12 July 2024 |
| Team ID | xxxxxx |
| Project Title | Nutrition App Using Gemini Pro : Your Comprehensive Guide To Healthy Eating And Well-Being |
| Maximum Marks | 4 Marks |

**Initial Model Training Code, Model Validation and Evaluation Report**

The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include classification reports, accuracy, and confusion matrices for multiple models, presented through respective screenshots.

### AI Nutritionist App Analysis Report

#### Meal Analysis Report

| **Scenario** | **Analysis Report Screenshot** | **Details** |
| --- | --- | --- |
| Weight Loss Journey | https://github.com/archieel01/Nutritionist-App/blob/main/Weight-manag.png | Analysis results for a meal uploaded in Weight Loss Journey scenario |
| Managing Diabetes | https://github.com/archieel01/Nutritionist-App/blob/main/diabetes.png | Analysis results for a meal uploaded in Managing Diabetes scenario |
| Building Muscle | https://github.com/archieel01/Nutritionist-App/blob/main/muscle\_building.png | Analysis results for a meal uploaded in Building Muscle scenario |

#### Meal Plan Generation Report

| **Scenario** | **Meal Plan Screenshot** | **Details** |
| --- | --- | --- |
| Weight Loss Journey | https://github.com/archieel01/Nutritionist-App/blob/main/weightloss\_meal\_plan.png | Generated meal plan for a user in Weight Loss Journey scenario |
| Managing Diabetes | https://github.com/archieel01/Nutritionist-App/blob/main/managing\_diabetes\_meal\_plan.png | Generated meal plan for a user in Managing Diabetes scenario |
| Building Muscle | https://github.com/archieel01/Nutritionist-App/blob/main/building\_muscles\_meal\_plan.png | Generated meal plan for a user in Building Muscle scenario |