Project Design

Nutrition and Diet Application

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Revision History

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| --- | --- | --- | --- |
| Revision | Date | Editor | Description |
| 1 | 28 May 2024 | Dorrell Zimmerman | Initial Document |

Class Diagram

Event Trace Diagrams

Scenario 1:

Description: The user enters their height and weight and the application provides their BMI.

Precondition: The user has required height and weight information to input into application.

Post-Condition: The BMI data is calculated and displayed to the user.

Scenario 2:

Description: The user enters their age, gender, height and weight and the application provides their BMR.

Precondition: The user has the required gender, height, and weight data to input into application.

Post-Condition: The BMR data is calculated and displayed to user.

Scenario 3:

Description:

Precondition:

Post-Condition:

Pseudocode

Unresolve risk