|  |  |
| --- | --- |
| Name | Value |
| Name | Check BMR Condition |
| Use Case ID | BRD-1.0 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | It can help user check their BMR condition. |
| Pre-conditions | User must provide their valid information such as body features. |
| Post-conditions | User must have their health condition |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. Filling user’s information. 2. User check health condition. | 2.1 System show user’s health condition | |  |  | |
| Alternative flows and exceptions |  |
| Priority | Critical |
| Non-behavioral | The system must show the user’s health status, calorie needs. |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Create Health Plan |
| Use Case ID | BRD-2.0 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can depend on their BMR condition to create their diet plan |
| Pre-conditions | User must have their BMR condition |
| Post-conditions | User must have created plan |
| Include Use Case | Includes: Check health condition |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User selects goal   3. User choose or create their own health plan | 2.1 System generates plan interface  2.1 System generates the plan what user made | |
| Alternative flows and exceptions | 1.1 if User enter the health condition is invalid, the system will give the feedback to as user enter the correct one. |
| Priority | C |
| .Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Update Health Plan |
| Use Case ID | BRD-2.1 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can update their health plan |
| Pre-conditions | User must have their health plan |
| Post-conditions | User must have updated their health plan |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User enter the identifier of their health condition  2. User updates the plan | * 1. System show the plan.   2.1 System generates a new plan. | |
| Alternative flows and exceptions | 1.1 if User enter the identifier of health plan is invalid, the system will give the feedback to as user enter the correct one. |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Delete Health Plan |
| Use Case ID | BRD-2.2 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can delete their health plan. |
| Pre-conditions | User must have their health plan |
| Post-conditions | User must have deleted their health plan |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User select a plan  2. User delete the selected plan | 2.1 System delete plan | |
| Alternative flows and exceptions |  |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Search Health Plan |
| Use Case ID | BRD-2.4 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can search their health plan. |
| Pre-conditions | User’s health plan must exist |
| Post-conditions | User must have search their health plan |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User enters the identifier of health plan (PlanID) | 1.1 System to show the plan | |
| Alternative flows and exceptions | If the planID is invalid, system will give the feedback to user to ask the valid plan ID. |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Create Daily Log |
| Use Case ID | BRD-3.1 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can track their health plan into the daily log. |
| Pre-conditions | User’s health plan must exist |
| Post-conditions | The track plan must be tracked in the daily log. |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User selects the plan.  2. User click track plan. | 2.1 System put the plan in the daily log, and give the feedback track successful | |
| Alternative flows and exceptions |  |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Create Daily Log |
| Use Case ID | BRD-3.1 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can track a health plan and create the daily log. |
| Pre-conditions | User’s health plan must exist |
| Post-conditions | The track plan must be tracked in the daily log. |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User selects the plan.  2. User click create daily log. | 2.1 System put the plan in the daily log, and give the feedback track successful | |
| Alternative flows and exceptions |  |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Update Daily Log |
| Use Case ID | BRD-3.2 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can update the daily log. |
| Pre-conditions | User’s daily log must exist. |
| Post-conditions | User must have updated their daily log. |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User open daily log  2. User update daily log. | 2.1 System will update the daily log  2.2 System evaluates the calories of the updated Log and show the calories result. | |
| Alternative flows and exceptions | 2.2 If the updated log’s calories is higher than user’s plan calories, system will remind user. |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Check Daily Log |
| Use Case ID | BRD-3.3 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can check the daily log. |
| Pre-conditions | User’s daily log must exist. |
| Post-conditions | User must have checked their daily log. |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User open daily log  2. User checks the fields of daily log. | 2.1 System evaluates the calories of the daily Log and show the calories result. | |
| Alternative flows and exceptions |  |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Check Calories |
| Use Case ID | BRD-4.0 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can check food calories. |
| Pre-conditions |  |
| Post-conditions | User must have the calories’ result of the food |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User select food type.  2. User check the calories of the food. | 2.1 System shows the calories of the food. | |
| Alternative flows and exceptions |  |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |
| --- | --- |
| Name | Value |
| Name | Read Performance Report |
| Use Case ID | BRD-5.0 |
| Super Use Case |  |
| Actor(s) | User |
| Brief Description | User can view their progress in the report |
| Pre-conditions |  |
| Post-conditions | User views their performance report. |
| Include Use Case |  |
| Flow of Events | |  |  | | --- | --- | | Actor input | System Response | | 1. User select reports.  2. User read report | 2.1 System shows the graphic report. | |
| Alternative flows and exceptions |  |
| Priority | High |
| Non-behavioral |  |
| Assumptions |  |
| Issues |  |
| Source |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Use case ID | Description | Priority |
| Check Health Condition | BRD-1.0 | It can help user check their BMR condition. | C |
| Create Health Plan | BRD-2.0 | User can depend on their health condition to create their health plan | C |
| Update diet Plan | BRD-2.1 | User can update their diet plan | H |
| Delete diet Plan | BRD-2.2 | User can delete their diet plan. | H |
| Log Daily Plan | BRD-3.0 | User can track a diet plan and create the daily log. | H |
| Update Daily Log | BRD-3.1 | User can update the daily log. | H |
| Check Daily Log | BRD-3.2 | User can check the daily log. | H |
| Check Calories | BRD-4.0 | User must have the calories’ result of the food | H |
| Read Performance Report | BRD-4.1 | User can view their progress in the report | H |
| Search Health Plan | BRD-2.3 | User can search their diet plan. | H |