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| General Information | |
| Use Case ID Number : UC5.1.2  Subject Area : Create Diet Food Entry  Description : | Responsible Analyst : Branden Alder |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 5.1.2 | User can select date in past or current date |
| 5.2 | User can enter amount of calories in food |
| 5.6 | User can enter food group servings |
| 5.7 | User can enter notes about food |
| 5.8 | User can enter basic nutrition facts about food |

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| Revision History | | |
| Author | **Date** | **Comments** |
| Branden Alder | 3/12/16 | First draft |

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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
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| **Actors** | | |
| **Actor Name** | **P/S** | **Brief Description** |
| User | P | Android Application User |

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| **Pre-Conditions** | |
| # | Description |
|  | The diet entry page is up and the date field auto selects current date. |

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| **Start Stimulus** |
| Enters food name. |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt UC Name/Number** | **Bus Rule(s)#** |
| 01 | User enters name of food |  |  |
| 02 | User enters meal type (breakfast, lunch, dinner, snack) |  |  |
| 03 | User enters serving measurement type |  |  |
| 04 | User enters basic nutrition facts about food |  |  |
| 05 | User enters details about food |  |  |
| 06 | User clicks the done button |  |  |
| 07 | Application stores information locally on phone |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds/Alt Use Case #** |
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| Post-Conditions | |
| **#** | **Description** |
| 1 | The data is saved on the local database. |
| 2 | Parent page for diet is displayed and entry appears on it. |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
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| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
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| Frequency of Execution |
| **Frequency:**  Minimum: 24 Maximum: 240 Average: 120 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Day:  Other: |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
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| **Alternate Course General Information** |
| Alternate Course Name:  Alternate Course Number:  Parent Use Case Name:  Parent Use Case Number:  Description:  Reason for Execution: Non Exception:  Exception:  Exception #:  Start(Trigger) Stimulus:  Type of Execution (optional): Manual:  Automatic: |

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| Insertion Point |
| Step Inserted After |
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| Pre-Conditions | |
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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds/Alt Use Case #** | **Business Rule(s)#** |
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| Post-Conditions | |
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