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| **ID:** | 0 |
| **Name:** | Track mood |
| **Description**: | Users enter their mood when they eat/drink |
| **User Story ID**: | 10,13 |
| **Actors**: | User |
| **Preconditions**: | User has either just entered food/water intake |
| **Postcondition**: | User’s mood is recorded along with the time and date of entry |
| **Exception Handle**: | N/A |

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| **Steps:** | |
| **Actor Actions** | **System Actions** |
| 1. Log food/water intake | 1. Open mood entry dialog |
| 1. Select mood | 1. Record data |

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| **ID:** | 1 |
| **Name:** | Log food intake |
| **Description**: | User selects a food from database to log consumption |
| **User Story ID**: | 18, 26 |
| **Actors**: | User |
| **Preconditions**: | N/A |
| **Postcondition**: | Food eaten is recorded along with time and date of entry |
| **Exception Handle**: | If user enters a non positive amount of food consumed they will be prompted to re-enter amount |

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| **Steps:** | |
| **Actor Actions** | **System Actions** |
| 1. Select food screen | 1. Display food selection menu |
| 1. Select food | 1. Display quantity selection menu |
| 1. Select quantity | 1. Record data |

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| **ID:** | 2 |
| **Name:** | Log water intake |
| **Description**: | User logs water consumption |
| **User Story ID**: | 16,23 |
| **Actors**: | User |
| **Preconditions**: | N/A |
| **Postcondition**: | Water consumption is recorded along with date and time of entry |
| **Exception Handle**: | N/A |

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| **Steps:** | |
| **Actor Actions** | **System Actions** |
| 1. Select water screen | 1. Display water entry menu |
| 1. Tap “add glass” button | 1. Add 8 oz to water consumed today and record time of entry |

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| **ID:** | 3 |
| **Name:** | Create profile |
| **Description**: | User creates a profile that includes name, age, gender, height, and weight |
| **User Story ID**: | 20 |
| **Actors**: | User |
| **Preconditions**: | User has not already created a profile. |
| **Postcondition**: | User profile information is recorded along with time and date of entry |
| **Exception Handle**: | If invalid input is entered (non positive age, height, weight or invalid characters in name) then user is prompted to re-enter input to those fields |

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| **Steps:** | |
| **Actor Actions** | **System Actions** |
| 1. Select settings tab |  |
| 1. Press profile button |  |
|  | 1. Display profile creation menu |
| 1. Enter profile information |  |
| 1. Press save |  |
|  | 1. Profile information is recorded |

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| **ID:** | 4 |
| **Name:** | Set goals |
| **Description**: | User sets nutrition and hydration goals |
| **User Story ID**: | 14,19 |
| **Actors**: | User |
| **Preconditions**: | User has initial goals set when on-boarded |
| **Postcondition**: | Goals recalibrated to user’s new selections |
| **Exception Handle**: | N/A - Implemented with controlled options |

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| **Steps:** | |
| **Actor Actions** | **System Actions** |
| 1. Select settings tab |  |
| 1. Select profile button |  |
| 1. Select new goal   (Gain, maintain, lose weight)  OR  Change biometric field |  |
|  | 1. Calculate new hydration and nutrition targets based on formula |
| 1. Press save |  |
|  | 1. Hydration and nutrition graphs updated to display using new targets |

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| **ID:** | 5 |
| **Name:** | Update profile |
| **Description**: | User updates information in profile |
| **User Story ID**: | 21 |
| **Actors**: | User |
| **Preconditions**: | User has created a profile |
| **Postcondition**: | New profile information is recorded along with the time and date of the change, and the old information is retained |
| **Exception Handle**: | If invalid input is entered (non positive age, height, weight or invalid characters in name) then user is prompted to re-enter input to those fields |

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| **Steps:** | |
| **Actor Actions** | **System Actions** |
| 1. Select settings tab |  |
| 1. Press profile button |  |
|  | 1. Display profile edit menu |
| 1. Enter profile information |  |
| 1. Press save |  |
|  | 1. Profile information is recorded |

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| **ID:** | 6 |
| **Name:** | View reports |
| **Description**: | User views detailed graphs of your food, water, mood, and weight data over time |
| **User Story ID**: | 6,24,25 |
| **Actors**: | User |
| **Preconditions**: | User has set up their profile |
| **Postcondition**: | A report of your data over time is generated |
| **Exception Handle**: | N/A |

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| **Steps:** | |
| **Actor Actions** | **System Actions** |
| 1. Open home screen |  |
| 1. Select time period to show data via dropdown |  |
|  | 1. Get data from specified time period |
|  | 1. Display data on graph |

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| **ID:** | 7 |
| **Name:** | Edit Settings |
| **Description**: | User edits app settings |
| **User Story ID**: | 22 |
| **Actors**: | User |
| **Preconditions**: | N/A |
| **Postcondition**: | Chosen edits are saved |
| **Exception Handle**: | N/A |

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| **Steps:** | |
| **Actor Actions** | **System Actions** |
| 1. Open profile screen |  |
| 1. Tap settings icon |  |
|  | 1. Display settings dialog |
| 1. Make desired changes |  |
| 1. Press save button |  |
|  | 1. Record changes |