**Data Dictionary v0.1**

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| **Data Item** | **Data Type** | **Format** | **Description** | **Example** | **Validation** |
| stepCount | Integer |  | The total number of steps recorded | 150 | Must be a positive integer |
| progressPercentage | Integer |  | Percentage of the goal achieved based on steps taken | 75 | Must be a integer between 0 and 100 |
| calCount | Integer |  | The total number of calories burned | 7 | Must be a positive integer |
| stepGoalValue | Integer |  | The user-set goal for steps | 10000 | Must be a positive integer |
| calGoalValue | Integer |  | The user-set goal for calories to burn | 500 | Must be a positive integer |
| accelLimit | Integer |  | acceleration sensitivity setting for detecting a step. If exceeded step is recorded | 12 | Must be a positive integer |
| lastUpdate | Integer |  | The minimum time interval between steps to reduce false step counting | 100000 | Must be both a valid timestamp and integer |
| minTimeBetweenSteps | Integer | **NNN** | Minimum time (in milliseconds) required between two steps to count separately | 200 | Must be a positive integer |
| permissionGranted | Boolean | **T/F** | Shows whether motion permissions were granted or not for accessing accelerometer data | true | Must be either true or false |
| stepCountOld | Integer |  | Stores the step count at the last calorie conversion. | 140 | Must be positive integer |