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| General Information | |
| Use Case Name\Number : LOG 002  Subject Area : Logging  Description : Log statistic | Responsible Analyst : Dylan |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 2 | The system shall log performance statistics on a per-user basis. |
| 5 | The system shall allow user performance to scale with level. |
| 8 | The system shall allow users to log their weight. |
| 10 | The system shall have a database. |

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| Revision History | | |
| Author | **Date** | **Comments** |
| Schultz | 10/29/2014 | Initial Draft |
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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| N/A |  |  |
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| **Actors** | | |
| **Actor Name** | **Person/System** | **Brief Description** |
| End User | Person | User of application |
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| **Pre-Conditions** | |
| # | Description |
| 1 | User must be logged in |
| 2 | User must be on home screen |

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| **Start Stimulus** |
| User selects “Log Stats” icon |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User selects “Log Stats” icon |  |  |
| 2 | System displays log statistics screen |  |  |
| 3 | User selects statistic to log |  |  |
| 4 | User enters data (weight in lbs, body fat %) |  |  |
| 5 | Use selects “Accept” icon |  |  |
| 6 | System saves data and pushes to database |  |  |
| 7 | System displays home screen |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |
| 11 |  |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| N/A |  |  |
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| Post-Conditions | |
| **#** | **Description** |
| 1 | Database updated with new statistic data |
| 2 | System displays home screen |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| UserStatistics | Keeps track of user statistics | Date logged, value, description |
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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Languages supported are English | 10/29/14 | Schultz |  |  |
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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: 25 Maximum: 250 Average: 150 (OR)Fixed:  **Per:** Hour:Day:  Week:  Month:  Other: |

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| **Timing Information** | | | | | | | |
| **#** | **At/**  **Between** | **Step(s)** | **Timing**  **Unit** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | N/A |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 7 | bytes | 2K | 4K | 6K | Statistic data |
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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 #: |

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| Insertion Point |
| Step Inserted After |
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| Pre-Conditions | |
| 1. |  |
| 2. |  |

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| Alternate Course Steps | | | |
| **#** | **Step Description** | **Adds Use Case #** | **Business Rule(s)#** |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |

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| Post-Conditions | |
| 1. |  |
| 2. |  |