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| General Information | |
| Use Case ID Number : UC3.1  Subject Area : Sleep Entry  Description : User enters time and duration of sleep | Responsible Analyst : Troy Riblett |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 3.1 | Enter total sleep time |
| 3.1.1 | Default to current date |
| 3.1.2 | Allow user to select date |
| 3.1.3 | Not allow selection of future dates |

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| Revision History | | |
| Author | **Date** | **Comments** |
| Troy Riblett | 2/28/2016 | First draft |
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| **Insertion Points in other Use Cases** | | |
| Use Case Name | **Use Case Number** | **Step Inserted After** |
| Allow sleep quality rating | UC3.2 | 04 |
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| **Actors** | | |
| **Actor Name** | **P/S** | **Brief Description** |
| Biometrix User | P | Biometrix users who are wanting to store sleep information |
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| **Pre-Conditions** | |
| # | Description |
| 1 | Sleep Module is displayed |
| 2 | User has logged in previously |

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| **Start Stimulus** |
| User chooses the option “Sleep Module” from the Navigation Drawer |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt UC Name/Number** | **Bus Rule(s)#** |
| 01 | Sleep Module requests date and time that user fell asleep |  |  |
| 02 | User enters the date and time |  |  |
| 03 | Sleep Module requests the duration that the user was asleep for |  |  |
| 04 | User enters hours/minutes slept |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds/Alt Use Case #** |
| Future date entered | Error messaged is displayed that user cannot enter a date in the future |  |
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| Post-Conditions | |
| **#** | **Description** |
| 1 | Additional information is requested by the sleep module |
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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| User | Biometrix user | Username, token, email address |
| Sleep Module | The page the user enters their sleep information into | Sleep date, sleep time, sleep duration |

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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: 0 Maximum: 4 Average: 1 (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** |
| 1 | 02 | Bytes |  | 32 |  |  |
| 2 | 04 | Bytes |  | 8 |  |  |

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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 | |
| 1. |  |
| 2. |  |

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

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