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| General Information | |
| Use Case ID Number : UC6.9  Subject Area : User Biometrix Login  Description : User uses Biometrix credentials to login | Responsible Analyst : Troy Riblett |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 6.9 | Allow Login With Biometrix Username/Password |
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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** |
| N/A |  |  |
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| **Actors** | | |
| **Actor Name** | **P/S** | **Brief Description** |
| Biometrix User | P | Biometrix users who have created an account can login to backup their data and access their preferences |
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| **Pre-Conditions** | |
| # | Description |
| 1 | Login Screen is displayed |
| 2 | User has done the “Create an account” process previously |

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

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt UC Name/Number** | **Bus Rule(s)#** |
| 01 | Login screen requests username |  |  |
| 02 | User enters username |  |  |
| 03 | Login screen requests password |  |  |
| 04 | User enters password |  |  |
| 05 | User presses the “OK” button |  |  |
| 06 | System checks information against the database to determine if the user is valid |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds/Alt Use Case #** |
| Invalid Credentials | Error message is displayed that the username and password combination does not exist. |  |
| Unverified User Account | Error message is displayed that the user needs to verify their email before they can log in |  |
| No Internet Access | Error message is displayed that the user has no Internet Access, local login is then allowed |  |

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| Post-Conditions | |
| **#** | **Description** |
| 1 | User is given a token to specify that they are logged in |
| 2 | Android application returns to the home page |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| User | Biometrix user | Username, token, email address |
| Login Screen | The login page the user enters their information on | Username, Password |

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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: 1 Maximum: 240 Average: 30 (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** |
| 1 | AT | 05 | seconds |  |  | 4 | Don’t want user to hit OK twice, if it is taking longer than this, some form of loading icon should be displayed |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 02 | Characters | 4 |  | 16 |  |
| 2 | 04 | Characters | 6 |  | 16 | Passwords required to have at least 1 capital, 1 lowercase, and one number or special character |

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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. |  |