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| General Information | |
| Use Case Name\Number : LOGIN 001  Subject Area : Application Management  Description : User wants to log in to use application | Responsible Analyst : Dylan |

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| Requirements/Feature Trace | |
| **REQ#** | Requirements Name and / or Short Description |
| 1 | The system shall require a user account. |
| 10 | The system shall have a database. |
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| Revision History | | |
| Author | **Date** | **Comments** |
| Dylan Schultz | 10/15/14 | Initial Revision |
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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** |
| User | Person | User that is currently using the application. End User. |
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| **Pre-Conditions** | |
| # | Description |
| 1 | Application must first have been installed. |
| 2 |  |

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| **Start Stimulus** |
| User selects the application icon |

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| **Use Case Main Course Steps** | | | |
| **Number** | **Description** | **Adds/Alt Name/Number** | **Bus Rule#** |
| 1 | User selects the application icon |  |  |
| 2 | System starts and produces login screen |  |  |
| 3 | User enters login username |  |  |
| 4 | Use enters login password |  |  |
| 5 | Users selects ‘enter’ |  |  |
| 6 | System checks database against user login/password |  |  |
| 7 | System displays welcome screen |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |
| 11 |  |  |  |

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| **Exception Conditions** | | |
| **Exception Situations** | **Action(s) on Exception** | **Adds\Alt UC #** |
| User Enters Invalid login/password | System presents error invalid pin login/password message and reverts back to login screen |  |
| User hits cancel | Application displays exit confirmation screen |  |
| User has no login/password and must create one | Application displays register user screen |  |

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| Post-Conditions | |
| **#** | **Description** |
| 1 | Application displays welcome screen |
| 2 | User is now logged in |

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| **Candidate Objects** | | |
| **Class/Object Name** | **Descriptions** | **Possible**  **attributes** |
| Account | Contains account information | Username, password, points |
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| **Assumptions** | | | | | |
| **#** | **Assumption** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Languages supported are English | 10/15/14 | Schultz |  |  |
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| **Issues** | | | | | |
| **#** | **Issue** | **Date**  **Raised** | **Raised**  **By** | **Date**  **Verified** | **Verified By** |
| 1 | Login database not created/populated | 10/15/14 | Schultz |  |  |
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| **Other Comments** | | |
| **Author** | **Comment** | **Date** |
| Schultz | Should be implemented using an SQLite database | 10/15/2014 |
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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 | Between | 6, 7 | Seconds |  |  | 3 | Shouldn’t take long to log in. |
| 2 |  |  |  |  |  |  |  |
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| **Volume Information** | | | | | | |
| **#** | **Step #** | **Unit of**  **Measure** | **Minimum** | **Average** | **Maximum** | **Comments** |
| 1 | 6 | bytes | 2K | 4K | 6K | Login information |
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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. |  |