# Use Case # 6: User Login

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| GENERAL CHARACTERISTICS | |
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| **Last Update:** | 9/25/2016 |
| **Scope** | Front end, back end |
| **Level** | Sub-level |
| **Status** | Incomplete, conceptualization |
| **Primary Actor** | Database |
| **Secondary Actors** | User |
| **Stakeholders and Interests** | [identifieds all of the stakeholders and what they hope to accomplish with the system. Some stakeholders may have multiple interests and some interests apply to multiple stakeholders] |
| **Preconditions** | [what we expect is already the state of the world] <[pointer to precondition object model]> |
| **Success Post Condition** | User is logged into account |
| **Failed Post Condition** | Error message shows email/password is incorrect |

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| MAIN SUCCESS SCENARIO (or basic flow) | |
| **Step** | **Action -** description in words of each step in success scenario |
| 1 | User arrives at ‘Login’ page |
| 2 | User enters email existing in database |
| 3 | User enters password matching account in database |
| 4 | Login is successful, user is redirected to home page |

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| EXTENSIONS or Alternate Flows | |
| **Step** | **Branching Action** |
| 2  3 | User enters email that does not exist in the database  Error message appears on screen that email/password is incorrect  User enters password that does not match account in database  Error message appears on screen that email/password is in correct |
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| SPECIAL REQUIREMENTS | |
| **Req Num** | **Requirement** |
| *n* | [any non-functional, quality attribute or constraint related to the use case. IE: POS system should use touchscreen UI.] |

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| TECHNOLOGY AND DATA VARIATIONS LIST | |
| **Var Num** | **Variation** |
| *n* | [variations on how things should be done. IE: “POS system must support credit card input by card reader or keyboard.”, or “Barcode reader should support UPC, EAN and SKU barcode types”] |

***FREQUENCY OF OCCURRENCE***: [How frequently will this Use Case occur?]

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| OTHER ISSUES | |
| **Issue Num** | **Issue** |
| *n* | [list of all requirements or possible requirements that have been deferred to future increments; any open questions that need to be answered before the use case can be completed] |