# Feature Name Log In

## Feature Process Flow / Use Case Model

## Use Case(s)

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| **Use Case ID:** | 1.2.01 | | | |
| **Use Case Name:** | Log in | | | |
| **Created By:** | Richard Carroll | | **Last Updated By:** | Matthew Hill |
| **Date Created:** | 2018-09-10 | | **Last Revision Date:** | 2018-11-07 |
| **Actors:** | | User | | |
| **Description:** | | User wishes to log in and access features available to their specific role | | |
| **Trigger:** | | User enters user name and submits | | |
| **Preconditions:** | | 1. The Assumptions are true | | |
| **Postconditions:** | | 1. User is logged in 2. The program has provided access to the User’s functionality | | |
| **Normal Flow:** | | 1. The User enters their username 2. The Program requests a password 3. The User enters their password and submits 4. The Program requests from the Data Store a User record matching the username and password 5. The Data Store returns a matching User record 6. The Program displays the User’s functionality options | | |
| **Alternative Flows:** | | 5a. If there is no matching User Record   1. The Program displays an error message 2. The User acknowledges the error 3. The Program returns to Basic Flow Step 1 | | |
| **Exceptions:** | | 3a. If the User inputs invalid login credentials   1. The system alerts the User that invalid login credentials were given, and prompts the User to re-enter login credentials 2. The User submits valid login credentials 3. The System validates login credentials 4. Use Case resumes on step 4 of Normal Flow | | |
| **Includes:** | | Save the log in history for every user. | | |
| **Frequency of Use:** | | On demand | | |
| **Special Requirements:** | | N/A | | |
| **Assumptions:** | | The user interface is in the area’s native language. | | |
| **Notes and Issues:** | | 1. How many failed attempts are allowed to a user? | | |