Login Use Case Specification  
caArray

|  |  |
| --- | --- |
| Last Revised: | Feb 29, 2012 |
| Produced By: | CBIIT Development |
| Version: | 1.1 |

# Description

Initiated by a registered User, this use case allows the user to log in to caArray and execute tasks that their account has privileges for.

# Basic Flow

A registered User specifies credentials (user id and password) and attempts to log in.

The System verifies the User’s credentials with the authentication system it is configured with, which could be local database authentication, LDAP authentication, or an authentication service like CAS which facilitates single sign-on with other applications.

If the credentials are correct, the System presents the user’s workspace, showing all experiments the User has access to as a Data Owner or as a Collaborator. The User is allowed all actions that the account has privileges for.

If the credentials are incorrect, the System displays an error without indicating which of the credentials (user id, password or both) was incorrect.

The System also provides the ability to the User to log out.

# Post Conditions

The User has access to his/her workspace, and can perform all the actions that his/her account has privileges for, including logging out.

# Deferred Flow: Lock Account

After a certain number of failed login attempts, the User’s account will be locked. Note that for LDAP accounts, the LDAP provider may have their own rules about account locking, and any error messages from the LDAP provider will be transmitted to the User in caArray.

# Deferred Flow: Role-specific Workflows

Implementing different workflows for the various roles of investigator, lab scientist, bioinformaticist, etc., is deferred.