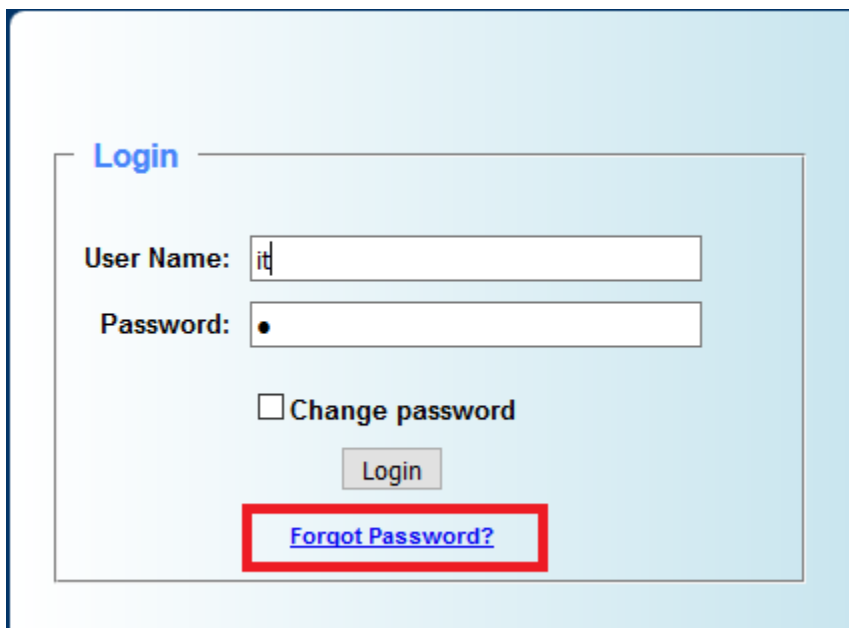# iConnect 157909 Design Document

Project Overview

Allow direct login users to reset their own password. Currently, clients must send a request to reset the password for a direct login account. This project will implement the ability for direct login users to reset their own password.

Features/Requirements

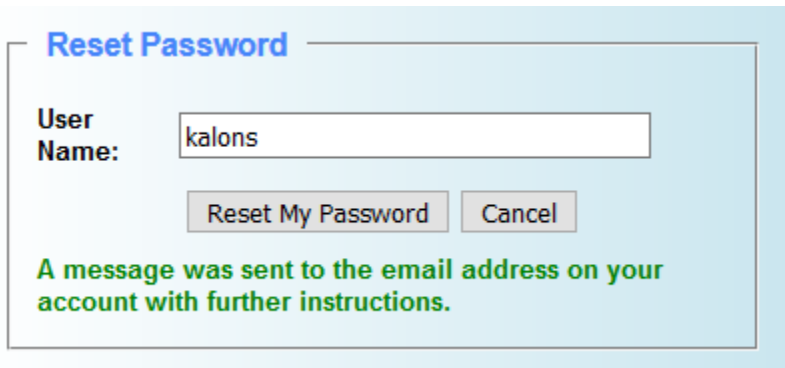Implementing security best practices for password resets as described at

https://www.troyhunt.com/everything-you-ever-wanted-to-know/

On the login page, a Forgot Password link will be added.

When clicked, a web page will be displayed for entering their user name. Since email addresses are not required to be unique in the system, the user must enter their user name (which may be their email address). To avoid exposing details of the user database, the user will not be informed if they have entered an incorrect or non-existent user name. If the user's email address is no longer valid or inaccessible, they will need to request the administrator to update their account email address.

After the user name is entered and Reset My Password is clicked, an email will be sent to the user's email address with a link for resetting their password. The password reset link will be valid for one hour, after which it will expire and no longer be valid. To avoid denial of service, the password reset email will only be sent once even if requested multiple times, and if not received, the user will need to wait an hour in order to send a new reset link.

After clicking the link in the email message, if the link has not expired, the user will be taken to the password reset page to enter a new password. After entering the new password twice and clicking OK, the account password will be changed, the temporary password reset token will be deleted, and the login page will be displayed for logging in to FireLight with the new password.

If the user's account has been locked out due to entering the wrong password too many times, the user will not be able to login and will still need to request the administrator to unlock their account first.

Use Cases / Workflow Changes

No changes in existing workflow.

Admin Changes

None

App Changes

None

Integration Changes

None

UI Mock Ups

How to Enable and Use This Feature

This feature will be available for all direct login user accounts.

Areas Impacted

System Area	Yes	Comment
Admin Tool		
- Form Library		
- Design Forms		
- Profile Administration		
- Reports		
- Deployment		
FireLight App		
- New Application		
- Edit Application		
- Signature Process		
- Review Queue		
- Manual Review		
- User Preferences		
- Inbound Integration		
- Outbound Integration		

- PDF Generation		
- Email System		
FireLight Console		
- Windows		
- iOS		
Other Systems		
- DTCC Integration		
- Commission Netting		
- Activity Reporting		
- STS Accounts	X	Allow users to reset their own password