

# Usability Test

## Video:

Your browser does not support the HTML5 video element

## Scenarios:

### View and approve calibrations for certain serial number

The first usability test is the ability to view and approve a calibration submitted by another user. This is a task done by a system administrator when new calibration data is received and is related to the major user story "Approve audit forms submitted by a different user".

The initial usability statement is that: "John D is an administrator and wants to view and approve the latest calibration data for serial number 5447."

1. Log in using John D's username and password
2. On the dashboard under the heading "Version History" there is a list of awaiting items and a button to "Approve New Version"
3. Search "5447" in the "Equipment Search" Window
4. You will see the Calibration page displaying the latest version of "5447" including all calibration data
5. Click the approve button
6. You will see the dashboard page
7. "Version History" window will show that "5447" has been approved
8. Click "Approve new version"
9. The "Version History" window will be cleared
10. Click "Log Out" returning to the login page

### Add a new admin user

This second usability test is the ability to create a new ACDS user account and assign administrator rights to the system. This is closely linked to 2 major user stories "Create ACDS user accounts" and "Assign roles to users for access control"

The initial usability statement is that: "John D an administrator wishes to add a new administrator user."

1. Log in using John D's username and password
2. On the left-hand pane of the dashboard, there is a subheading under "Manage Accounts" labeled "Add User"
3. Click on "Add User"
4. The "Manage Accounts" page will be shown, detailing current accounts that can be managed with a button below labeled "Add User"
5. Click "Add User"
6. Fill in Add User page with the details for the user Barry Smith
7. Choose user type as "Admin"
8. Click "Confirm"
9. You will be taken to the "Manage Accounts" page showing the additional user Barry Smith has been added
10. Click on the left-hand pane the subheading "Edit Details"
11. You will see the "Edit Details" page showing the details for John D that can be changed
12. Click "Log Out" returning to the login page

### View the current version by serial number, look at reference data

The third usability test is to view audit forms by serial number and look at the corresponding reference data. This is part of the most integral user story "View an individual audit form" but covers the entire "View audit form" epic.

The initial usability statement is that: "Jack G wishes to view the current version of the audit form by serial number and look at calibration reference data."

1. Log in using Jack G's username and password
2. At the top of the dashboard is a button labeled "View"
3. Click the "View" button
4. You will see the Calibration page displaying a list of serial numbers
5. Select S/n "5447" and calibration data is displayed on the right-hand pane
6. The calibration data is displayed at the top, and all data tables and approval at the bottom
7. On the left-hand pane is displayed "Reference Data"
8. Click "Reference Data"
9. You will see the Reference Data page showing the reference data by table ID
10. Select table ID 14
11. The right-hand pane is populated with reference data for "k\_Q for photon beams"
12. Click "Dashboard" to return to the dashboard screen
13. Click "Log Out" returning to the login page

## Decommission a machine

User Stories: Submit audit form

The fourth usability test is as an administrator decommissions a machine and subsequently adds a new record this is part of the larger epic "Manage audit forms".

The initial usability statement is that: "Barry S wishes to decommission a machine (serial number 5447)"

1. Log in using Barry S's username and password
2. At the top of the dashboard is a button labeled "View"
3. Click the "View" button
4. You will see the Calibration page displaying a list of serial numbers
5. Select S/n "5447" and calibration data is displayed on the right-hand pane
6. In the left-hand pane red button labeled "Decommission" is shown
7. Click "Decommission"
8. A warning window will pop up with "Decommission" and "Cancel" buttons alongside the warning text
9. Click "Decommission"
10. S/n "5447" is clearly shown as "Decommissioned" in the list
11. Click "Dashboard" to return to the dashboard screen
12. Click "Log Out" returning to the login page

## Add new calibration for a machine

The final usability test is to edit an existing machine using the added calibration functionality. This is related to an important user story "Enter calibration data into audit form"

The initial usability statement is that: "Barry S wishes to edit the calibration data for serial number 5447"

1. Log in using Barry S's username and password
2. At the top of the dashboard is a button labeled "View"
3. Click the "View" button
4. You will see the Calibration page displaying a list of serial numbers
5. Select S/n "5447" and calibration data is displayed on the right-hand pane
6. Click "Add Calibration" on the left-hand side
7. The S/n "5447" and calibration data will be blank with space for data entry and the validity is changed to unapproved
8. Fill in the audit information
9. Click update
10. Click "Dashboard" to return to the dashboard screen
11. Click "Log Out" returning to the login page