

Proposed Changes for MDLANDREC3

1. Security

- a. Improve password security by requiring users to select a password reminder question and answer. Users must answer their reminder question correctly to get the password by email.
- b. Reroute logout so that courthouse users are redirected to county home page instead of the MDLANDREC login screen.
- c. Improve validation in search forms to prevent users from entering invalid characters, make sure that required fields are entered prior to submitting the query to the server, and improve query performance.

2. Searching

- a. Modify database structure to improve performance and help prevent search queries from timing out.
- b. Reduce the number of instances where user has to select desired book from a list of similarly named volumes by cross matching JIS volume references to MSA accession numbers.
- c. Improve the accuracy of the value of the ending page of instruments derived from JIS CAIS/COTT data.
- d. Add search box to SDAT Real Property search where the user can input a house number and street name.
- e. Add data update date to website to reflect the most current dataset available in MDLANDREC
- f. Add verified date for CAIS/COTT data on the search results and printed results page.

3. Navigation

- a. Improve navigation by:
 - i. Allowing users to view an entire instrument if they enter a page number in a jump box for a page in the middle of the instrument
 - ii. Reroute users to instrument-by-instrument navigation from the CAIS/COTT search when the ending page of an instrument is known.
 - iii. Reroute users to page-by-page navigation from the CAIS/COTT search when the ending page of the instrument is unknown so that the user can determine the end of an instrument
 - iv. Display hyperlink for the instrument view only if the ending page of an instrument is known.
 - v. Reduce number of navigation jump boxes and make input to jump boxes consistent.

4. Appearance

- a. Simplify overall appearance of website to make:
 - i. Pages easier to read
 - ii. User interfaces self-explanatory
 - iii. Navigation more efficient.