

Name	Login
ID	12
Requirement Number	3.7
Description	A user logs into the system with their username and password
Primary Actor	Contributor
Secondary Actor(s)	System Administrator
Pre-condition	User has an account
Post-condition	User will be logged into the system as either a contributor or a system administrator. User will now have the appropriate options to modify data.
Trigger	User chooses "Login" option

Normal Scenario

1.	User inputs username into username text field.
2.	User inputs password into password text field.
3.	User chooses "Login" button.
4.	System validates login information.
5.	System displays "Successful login" message.

Extensions

4.1	Login validation fails due to incorrect or missing information 4.1.a System displays a failed login message. 4.1.b System clears the login and password fields.

Name	Search
ID	4
Requirement Number	3.10
Description	The user searches the system based on keywords
Primary Actor	Public User
Secondary Actor(s)	Contributor, System Administrator
Pre-condition	User has accessed site and typed keyword(s) into the search field.
Post-condition	System will display artifact pages relevant to keywords
Trigger	User chooses the "Search" option

Normal Scenario

1.	User enters keywords into search text field.
2.	User optionally changes the search criteria (default is all types) which includes researcher, sigla, keywords, year found, etc.
3.	User clicks "search button".
4.	System tokenizes all the words entered into search text field.
5.	System checks the database for any artifacts with criteria matching keyword.
6.	System adds artifacts to a list.
7.	Repeat steps 5-6 as necessary.
8.	System displays a list of possible artifacts ranging from most relevant to least relevant (relevant meaning most matching criteria).

Extensions

4.1	Search field is blank 4.1.a System displays "No search information" message.
6.1	Nothing matching current keyword exists 6.1.a Move to the next keyword without adding anything

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 Use Case Descriptions, Screen Mock-ups and PERT Chart
 Use Cases: Login, Search and Retrieve Citation

Name	Retrieve Citation
ID	1
Requirement Number	3.14
Description	The system provides a citation of the artifact's site.
Primary Actor	Public Citation
Secondary Actor(s)	Contributor, System Administrator
Pre-condition	User is viewing artifact information
Post-condition	System displays citation for artifact webpage being viewed.
Trigger	User chooses "Generate Citation" option.

Normal Scenario

1.	System gathers artifact information.
2.	System creates a formatted citation for reference use according to APA standards.
3.	System creates new window.
4.	System displays citation in new window.

Extensions

3.1	System cannot create new window 3.1.a Display window creation error message.

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Use Cases: Login, Search and Retrieve Citation

User Login Screen

(two text boxes and a button)

User Name

User Name

Password

Password

Login

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Use Cases: Login, Search and Retrieve Citation

Search Screen

(text box, drop-down box and button)



The image shows a horizontal search interface. It consists of three main components: a light blue text input field on the left containing the placeholder text "Search field"; a white dropdown menu in the middle containing the placeholder text "Choose field" and a downward-pointing arrow icon; and a dark blue button on the right with the text "Search" in white.

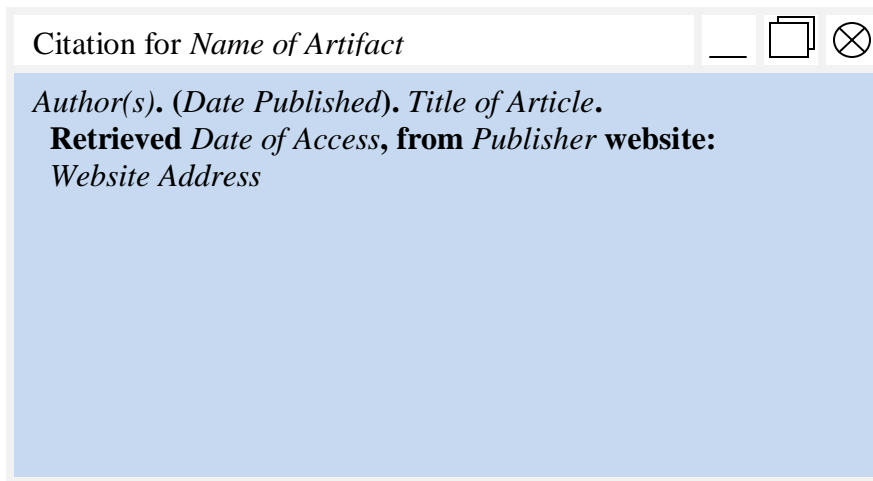
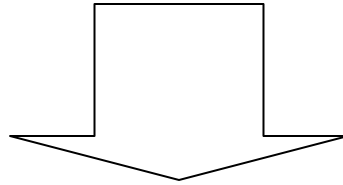
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Retrieve Citation

(button, and the corresponding window that is created)



Generate Citation



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