

## Sign in Page

The screenshot shows a web application window titled "AMS (Algorithm Management System)". The window has a light blue header bar with three circular window control buttons (minimize, maximize, close) on the right. Below the header is a large white area containing a login and registration form. The form includes two input fields: "Username:" and "Password:". Below these fields are two buttons: "Sign In" and "Register Account". A black arrow points from a text box at the bottom of the window to the "Register Account" button. The text box contains the text "Click to **Register** new User Account".

AMS (Algorithm Management System)

Username:

Password:

Sign In Register Account

Click to **Register** new User Account

# Algorithm Panel

AMS (Algorithm Management System)

Header

Ontology Panel

Algorithm Name

Algorithm Description

Author

Date

Research Group

Problem Instance Panel

Benchmark Panel

# Implementation Panel

AMS (Algorithm Management System)

Header

Ontology Panel

Source code

Author

Date

Download Source Code

Problem Instance Panel

Benchmark Panel

## Algorithm Reclassification Form

The screenshot displays the AMS (Algorithm Management System) interface. At the top, there is a header bar with the title "AMS (Algorithm Management System)" and three circular icons on the right. Below the header, a search bar contains the text "tag search bar (tag A), (tag B)" and a "Tag Entry Field". The main content area is a large white rectangle with rounded corners, featuring a "+" icon in the top-left corner and an "X" icon in the top-right corner. Inside this area, there are two input fields: "Algorithm Name" and "New Parent Classification". A "Reclassify" button is located in the bottom-right corner of the main content area. An arrow points from a box labeled "Click to **Reclassify** Algorithm" to the "Reclassify" button.

# Classification Form

AMS (Algorithm Management System)

tag search bar (tag A), (tag B)

Parent Classification

New Classification Name

CREATE

Click to **Create**  
Classification





AMS (Algorithm Management System)

tag search bar (tag A), (tag B) Tag Entry Field

Parent Classification

Algorithm Name

CREATE

Click to **Add** Algorithm

## Implementation Form

AMS (Algorithm Management System)

tag search bar (tag A), (tag B)Tag Entry Field

Parent Algorithm Name

Language Name

Source Code

...

CREATE

Click to **Add Implementation**

Problem Instance Form

AMS (Algorithm Management System)

tag search bar (tag A), (tag B)Tag Entry Field

Parent Algorithm Name

Problem Instance Name

Input Size

Upload Dataset

CREATE

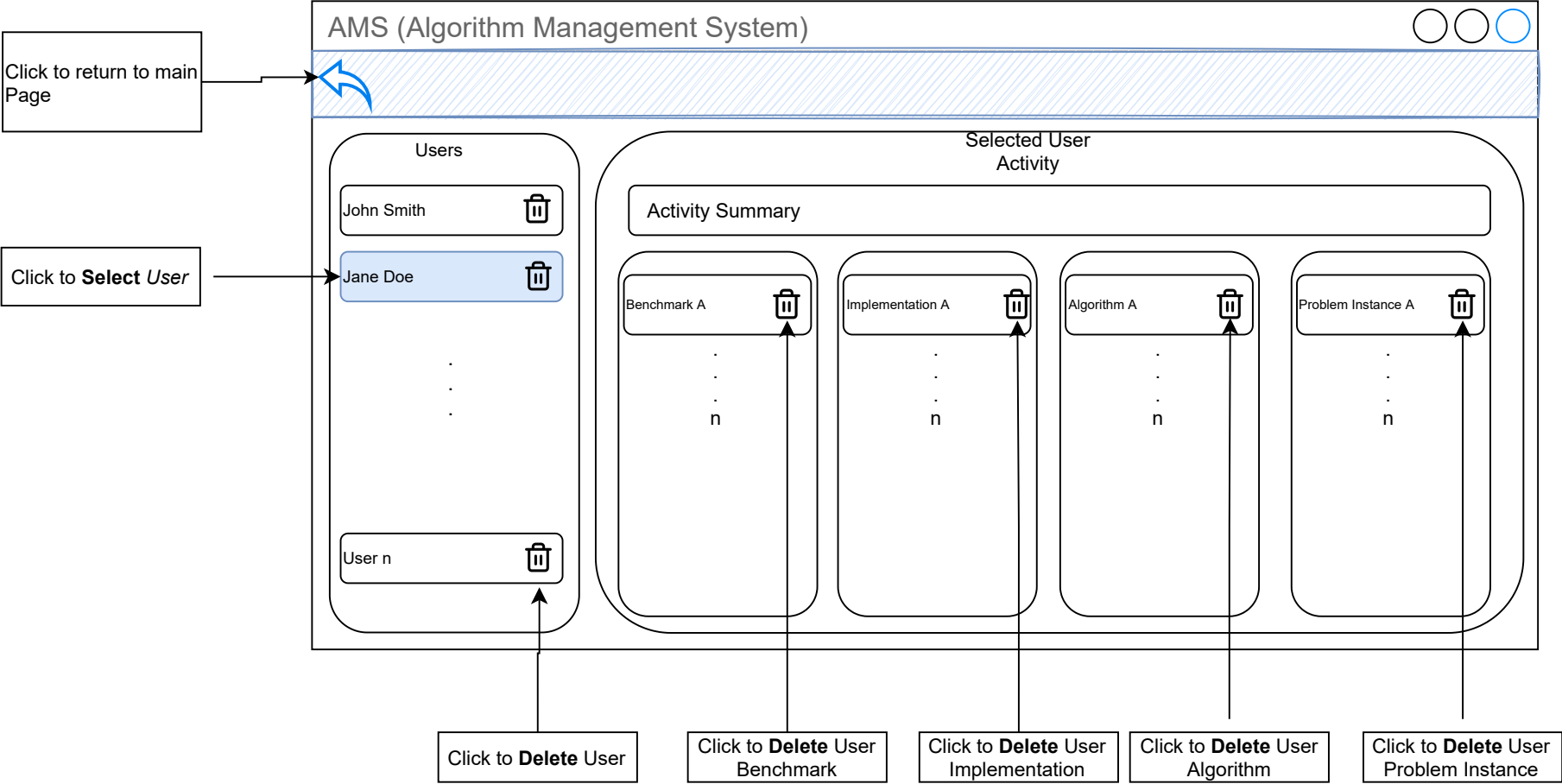
Click to **Upload**  
Implementation  
Source code

Click to **Add Problem**  
Instance

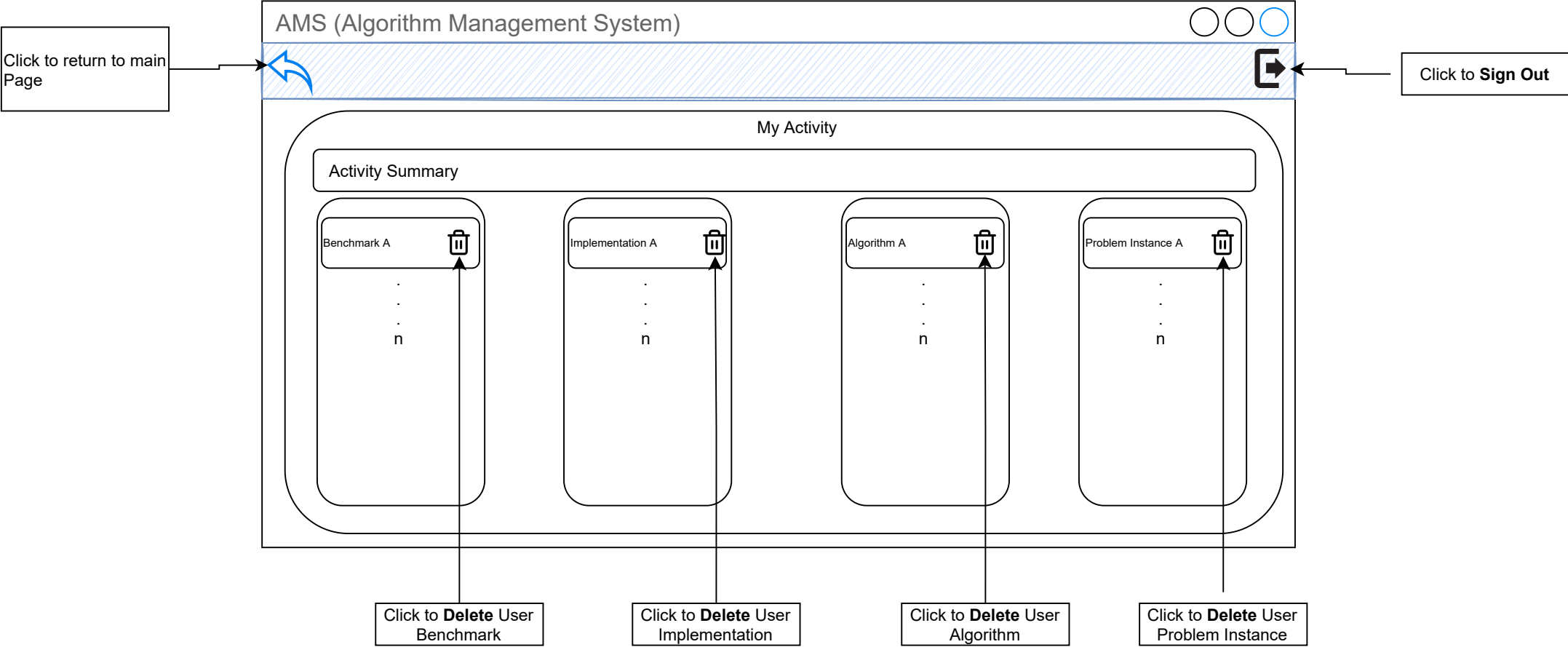
# Benchmark Form

The screenshot displays the 'AMS (Algorithm Management System)' interface. At the top, there is a title bar with three window control buttons (minimize, maximize, close) on the right. Below the title bar is a navigation bar containing a 'tag search bar (tag A), (tag B)' and a 'Tag Entry Field'. To the right of the search bar are three icons: a clock, an eye, and a right-pointing arrow. The main content area is a large rounded rectangle with a close button (X) in the top right corner. Inside this area, there are several input fields for benchmark data: 'Parent Algorithm Name', 'Implementation Name', 'Problem Instance', 'CPU', 'Memory', 'L1 Cache Size', 'L2 Cache Size', 'L3 Cache Size', 'Execution Time', and 'Memory Usage'. A 'CREATE' button is located at the bottom right of the main content area. Below the main content area, there is a separate box with the text 'Click to Add Benchmark' and an arrow pointing up to the 'CREATE' button.

# Account Management Page (Admin)



Account Management Page  
(Registered User)



# Algorithm Ranking Page

AMS (Algorithm Management System)

tag search bar (tag A), (tag B)

Tag Entry Field

+

X

Algorithm Name

Number of Stars

Performance

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n