

## Criteria B

Total words: 0

### Input and Output Tables:

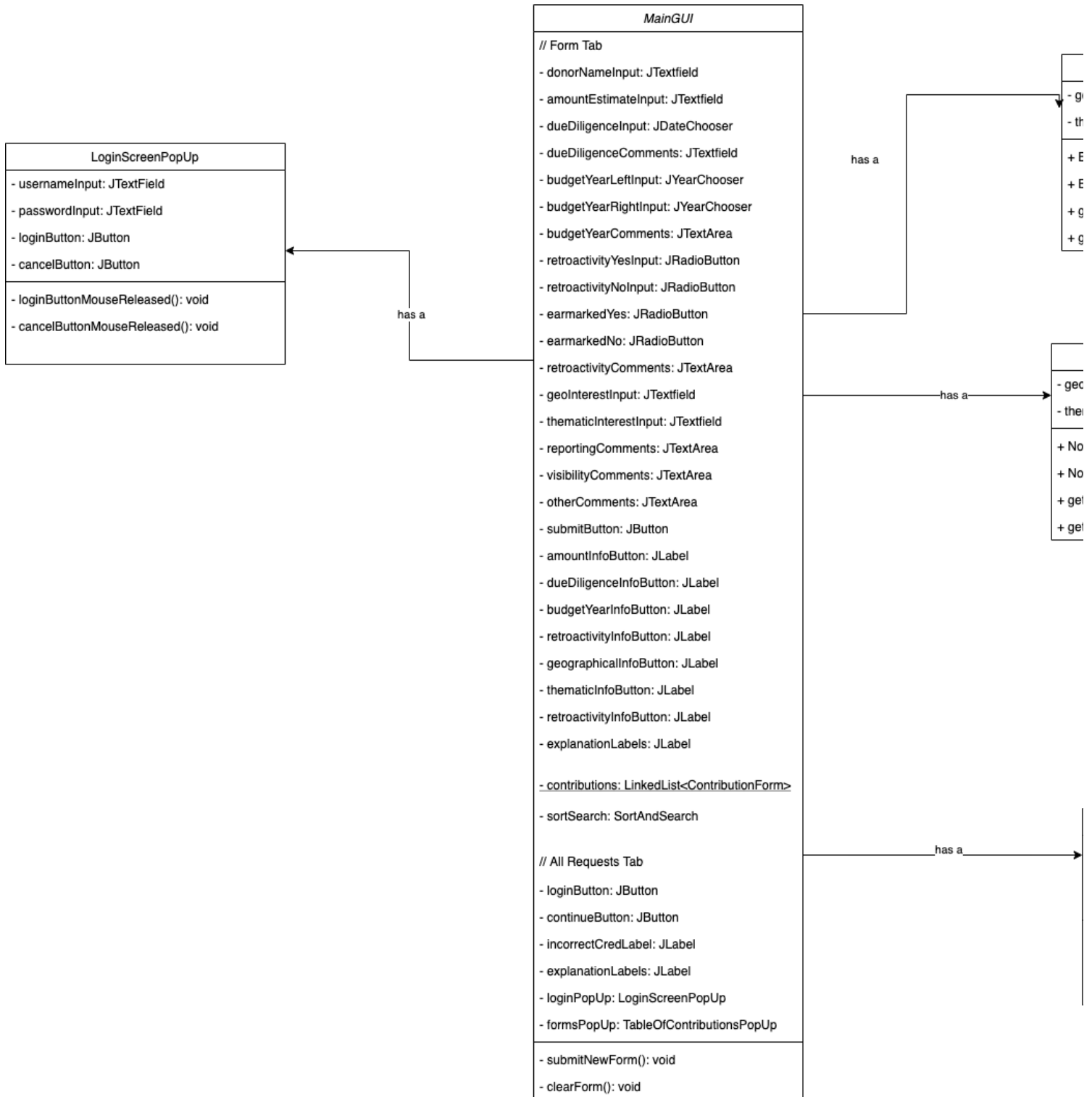
Words: 0

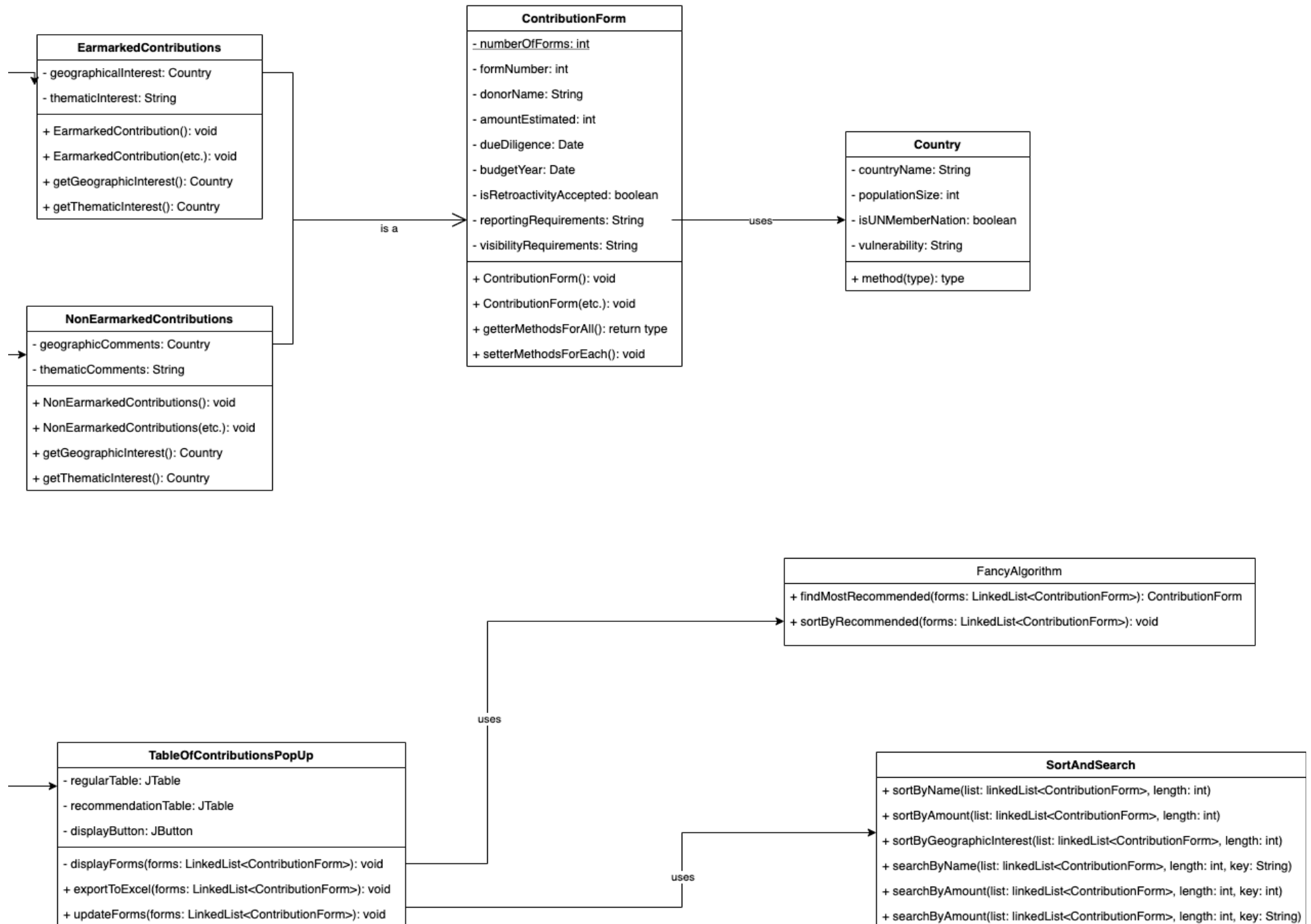
Input	Data Type	Normal Range etc.	Example
Donor Name	String	Name of person, foundation, or organization	Bill Gates foundation
Amount Estimated	int	>100,000	125,000
Due Diligence	Date	Any valid date before the current one	Feb 18, 2020
DD comments	String	Must be related to the due diligence	Please be aware we were unable to get a more accurate date
Budget Year	int	Lower bound must be greater than or equal to the current year and less than or equal to the upper bound	2021, 2023
BY Comments	String	Must be related to the budget year	The budget year isn't settled but this is our best estimate
Retroactivity accepted	String, boolean	Either it is accepted or it isn't	Is not accepted (false)
Geographical interest	String	A valid country	Afghanistan
Thematic interest	String	More details on the theme of the fundraising	School supplies for young refugees
Reporting requirements	String	Valid reporting dates that are not mid-year or end-of-year	We need a report update report in may
Visibility requirements	String	Valid visibility requirements	There are no visibility requirements

Output	Data Type	Normal Range etc.	Example
List of all Requests	Request array	All info per request displayed, in a JTable	{{"red cross", "100000", March 3rd, 2021 - 2024, false, Afghanistan, "clean water", "none", "none"}, {"Clinton Foundation", "21,000", April 2nd, 2023 - 2026, true, South Sudan, "tents for camps", "quarter year report needed", "none"}}
Recommended Contribution	Contribution	Should take in each input as parameter	{"red cross", "100000", March 3rd, 2021 - 2024, false, Afghanistan, "clean water", "none", "none"}

# Class Diagrams:

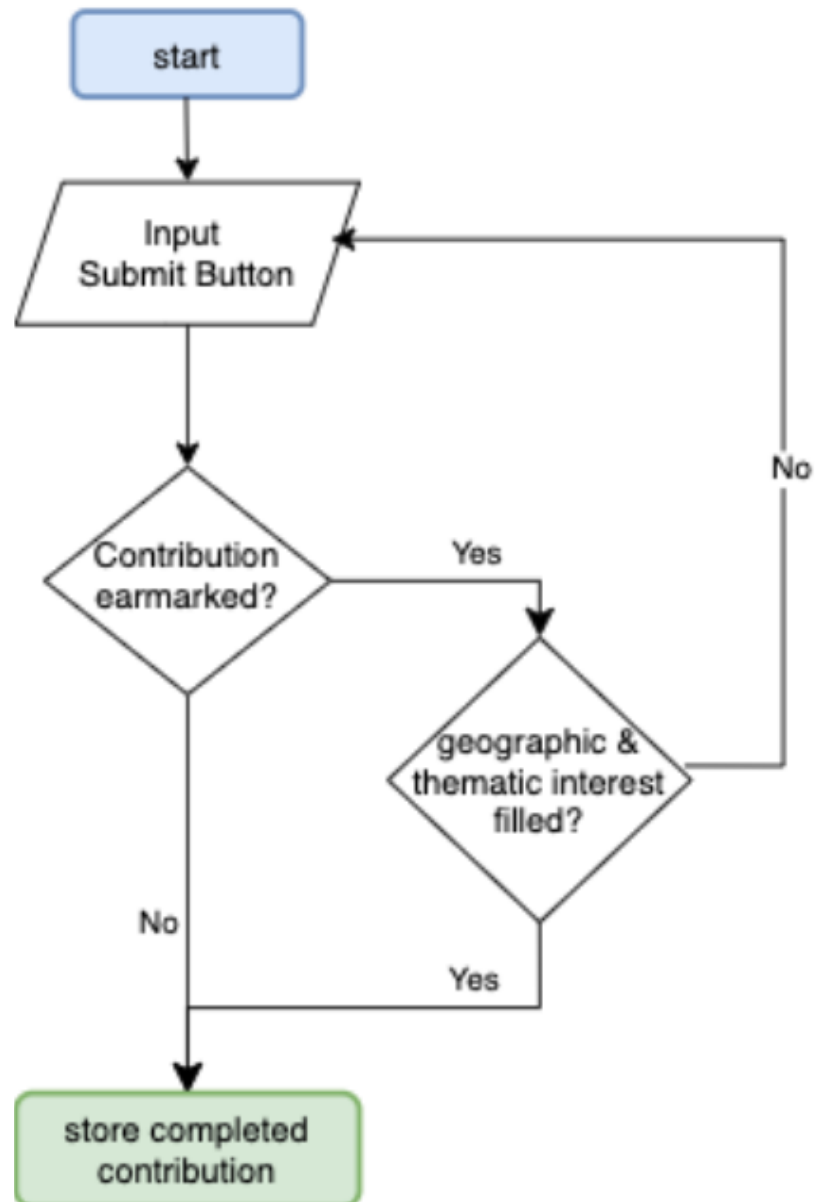
Words: 0

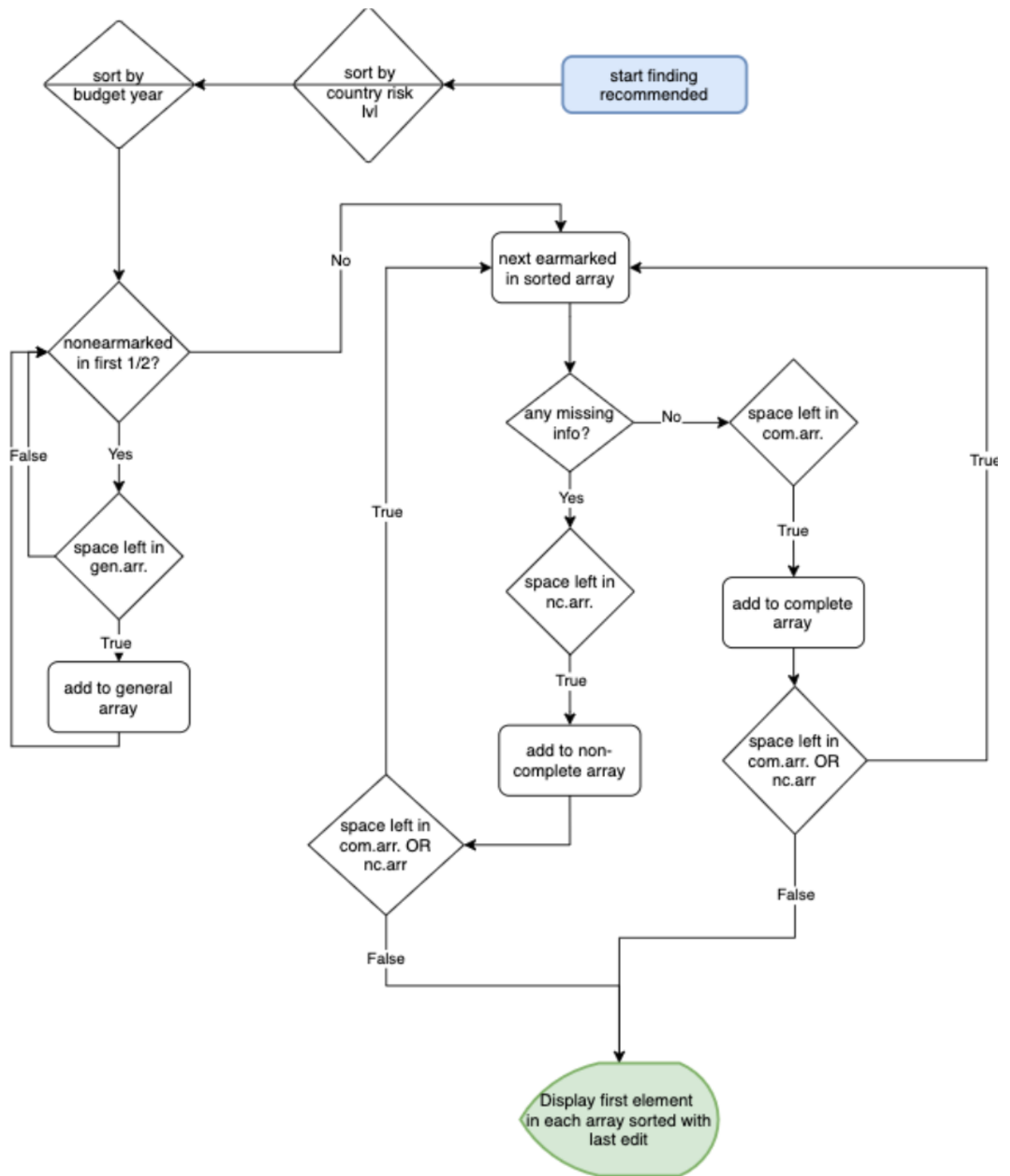




## Flow Chart:

Words: 0





## Pseudocode:

Words: 0

Date: / /

Note: Fancy Recommending Pseudocode

Mon Tue Wed Thu Fri Sat Sun

```
public void findMostRecod(Contributions[] contributions) {  
    SortByRecs sorter = new SortByRecs();  
    sorter.sortCountryRisk(contributions);  
    sorter.sortBudgetYear(contributions);  
    int length = contributions.length / 2;  
    if (contributions.length % 2 != 0)  
        length++;  
    int countGen = 0, countNC = 0, countC = 0;  
    for (int i = 0; i < length; i++) {  
        if (!contributions[i].isEarmarked()) {  
            countGen++;  
            genArray[countGen] = contributions[i];  
        }  
        else if (contributions[i].isMissingInfo()) {  
            countNC++;  
            ncArray[countNC] = contributions[i];  
        }  
        else if (countC < cArray.length) {  
            cArray[countC] = contributions[i];  
        }  
    }  
    int val = random(0 or 1);  
    genArray[val].display();  
    val = random(0 or 2);  
    ncArray[val].display();  
    val = random(0 or 1);  
    cArray[val].display();  
}
```

## Testing plan:

Words: 0

### Small screenshot of main tab:

The screenshot displays the 'Contribution Profile Input Form'. The form includes the following fields and controls:

- Donor Name:** A text input field.
- Amount estimated:** A text input field.
- Due Diligence:** A text input field with a small icon to its right.
- Comments:** A text input field.
- Budget year:** Two dropdown menus showing '2021' with 'to' in between.
- Comments:** A text input field.
- Retroactivity accepted:** Radio buttons for 'Yes' and 'No'.
- Comments:** A text input field.
- Geographical Interest:** A dropdown menu currently showing 'Not Applicable'.
- Thematic Interest:** A text input field.

On the right side, there is a sidebar with several informational messages, each preceded by an 'i' icon in a box:

- USD xxx,x please not
- Please ins
- Current ye
- Will the do entire curr
- Overall? A Any spec
- Please give assistance
- Anv other

### Testing General Functionality

<u>Action To Test</u>	<u>Method of testing / Expected Result</u>
Hovering over [i]	Correct info box appears until mouse is removed <ul style="list-style-type: none"><li>- Use mouse to hover over button</li></ul>
Retroactivity accepted true false	Only one option selected at once / replace selection <ul style="list-style-type: none"><li>- Click one then the the other</li></ul>
Adding contribution	Externally: all inputted values reset to start value Internally: new contribution added to list <ul style="list-style-type: none"><li>- Enter values and click submit</li></ul>

## Testing Particular Correct & Erroneous Input

Input	Normal	Border	Abnormal	Extreme
All Text Fields:  Donor name Amount estimated Comments (#1, 2, 3, 4) Thematic interest	Any String values:  I.e. Clinton Foundation, 100000, students in camps	No input  - accept with a warning that things are empty	N/A - since String accepts all values	N/A - since String accepts all values
Setting Budget Year	Left side < Right side Both >= current year	Current year Both years are the same - accept without issue	Try to set the year to 2000 for left and 1989 for right - do not accept and send warning	Setting the year past 2050 - accept but ask if it correct
Geographical Interest	Any combo box option	N/A - since all options are accepted	N/A - since all options are accepted	N/A - since all options are accepted

## Small screenshot of login popup screen

LOGIN HERE

Sorry, but the username or password does not match any existing accounts with permission to view this page

username

password

LOGIN CANCEL

## Testing General Functionality

<u><b>Action To Test</b></u>	<u><b>Method of testing / Expected Result</b></u>
Clicking login button	If username/password matches login info: screen disappears Else: error message - Put in wrong info then correct it
Cancel button	Screen disappears - Click cancel button

## Testing Particular Correct & Erroneous Input

Input	Normal	Border	Abnormal	Extreme
User name Password	Any String values:  I.e. userName12 passwordAdmin432	No input  - do not accept	Incorrect Login Information  - do not accept and add warning	N/A - since String accepts all values

### Small screenshot of Table popup screen

[illegible]

### Testing General Functionality

<u>Action To Test</u>	<u>Method of testing / Expected Result</u>
Refresh button	All contributions: made visible - Create new contribution and click refresh
Sort button + combo box	Items should be sorted by the selected value - Input different valued contributions and sort by each option

### Testing Particular Correct & Erroneous Input

Input	Normal	Border	Abnormal	Extreme
Sorting combo box	Non-initial titles. So, for example, Tom Yum Khun, or Germany	Try the first and last in the list.	Initial titles - <i>Warning Message, and not taken in/parsed</i>	No extreme, since combobox used.

Words: 0

Design Preview [MainGUI]

All requests (password required) [Form For Fundraisers](#)

## Contribution Profile Input Form

Donor Name	<input type="text"/>	
Amount estimated	<input type="text"/>	<a href="#">i</a> USD xxx,xxx please note that contributions under USD 100k should not be earmarked
Due Diligence	<input type="text"/>	<a href="#">i</a> Please insert date DD was granted or add comments as necessary.
Comments	<input type="text"/>	
Budget year	2021  to 2021	<a href="#">i</a> Current year only (2020)? Or multi-year?
Comments	<input type="text"/>	
Retroactivity accepted	<input type="radio"/> Yes <input type="radio"/> No	<a href="#">i</a> Will the donor accept to fund activities implemented throughout the entire current budget year (from January through December 2021)?
Comments	<input type="text"/>	
Geographical Interest	<input type="text" value="Not Applicable"/>	<a href="#">i</a> Overall? Any specific region? Any specific situation? Any specific operation(s)?
Thematic Interest	<input type="text"/>	<a href="#">i</a> Please give any other details on the theme. (e.g. Livelihoods for women, assistance for persons with specific needs, Education activities for girls,
Reporting requirements	<input type="text"/>	<a href="#">i</a> Any other reporting requirements besides mid-year (August 31st) and year end (available March 31st)?

[illegible]

Design Preview [MainGUI]

All requests (password required) Form For Fundraisers

Please LOGIN to proceed

Sorry, but you do not have permission to view these requests. Please login to continue

You may now CONTINUE