

⇒ **Progress Report:**

- Started on the implementation of coding structure and functions essential for the program.
- Started the progress on creating the program.

```
#include <iostream>
#include <iomanip>
using namespace std;

int main() {
    int option;
    do {
        cout << "[1] [ Log an Item ]" << endl;
        cout << "[2] [ Claim an Item ]" << endl;
        cout << "[3] [ Log of Surrendered / Claimed Item ]" << endl;
        cout << "[4] [ Log of Overall Items in Lost and Found System ]" << endl;
        cin >> option;
        cout << endl;
        switch(option) {
            int choice;
            case 1:
                if (option == 1) {
                    cout << "What type of item?" << endl;
                    cout << "[1] [ Clothes ]" << endl;
                    cout << "[2] [ Accessories ]" << endl;
                    cout << "[3] [ Electronics and Devices ]" << endl;
                    cin >> choice;
                }
                break;
            case 2:
                if (option == 2) {
                    string name, gmail, cpnum, item;
                    int verify;
                    cout << "What type of Item will you claim?" << endl;
                    cout << "[1] [ Clothes ]" << endl;
                    cout << "[2] [ Accessories ]" << endl;
                    cout << "[3] [ Electronics and Devices ]" << endl;
                    cin >> choice;
                    cout << "== Log your informations here ==" << endl;
                    cout << "Full name (Last, First M.I): ";
                    cin >> name;
                    cout << "Email Address: ";
                    cin >> gmail;
                    cout << "Mobile Number: ";
                    cin >> cpnum;
                    cout << "Item claimed: ";
                    cin >> item;
                    cout << " name: " << name << "\n Email Address: " << gmail << "\n Mobile Number: " << cpnum
                    << "\n Item to be claimed: " << item << endl;
                    cout << "Is the information correct? (1/0)" << endl;
                    cin >> verify;
                    if (verify = 1) {
                        cout << "Information logged. Thank you for your cooperations." << endl;
                    }
                    else if (verify = 0) {
                }
            }
        }
    }
}
```

- *Roles have been assigned in each part; coding, flowchart, pseudocode, and analysis.*
- *Pseudocode and flowchart are in progress.*

```
BEGIN

    PRINT "Enter School Name: "
    INPUT schoolName

    INITIALIZE lists for categories:
        electronicsList, clothingList, Accessories.

    FUNCTION displayMenu():
        PRINT "===== LOST AND FOUND TRACKER - [schoolName] ====="
        PRINT "1. Add Lost Item"
        PRINT "2. View All Items"
        PRINT "3. Search Item"
        PRINT "4. Exit"

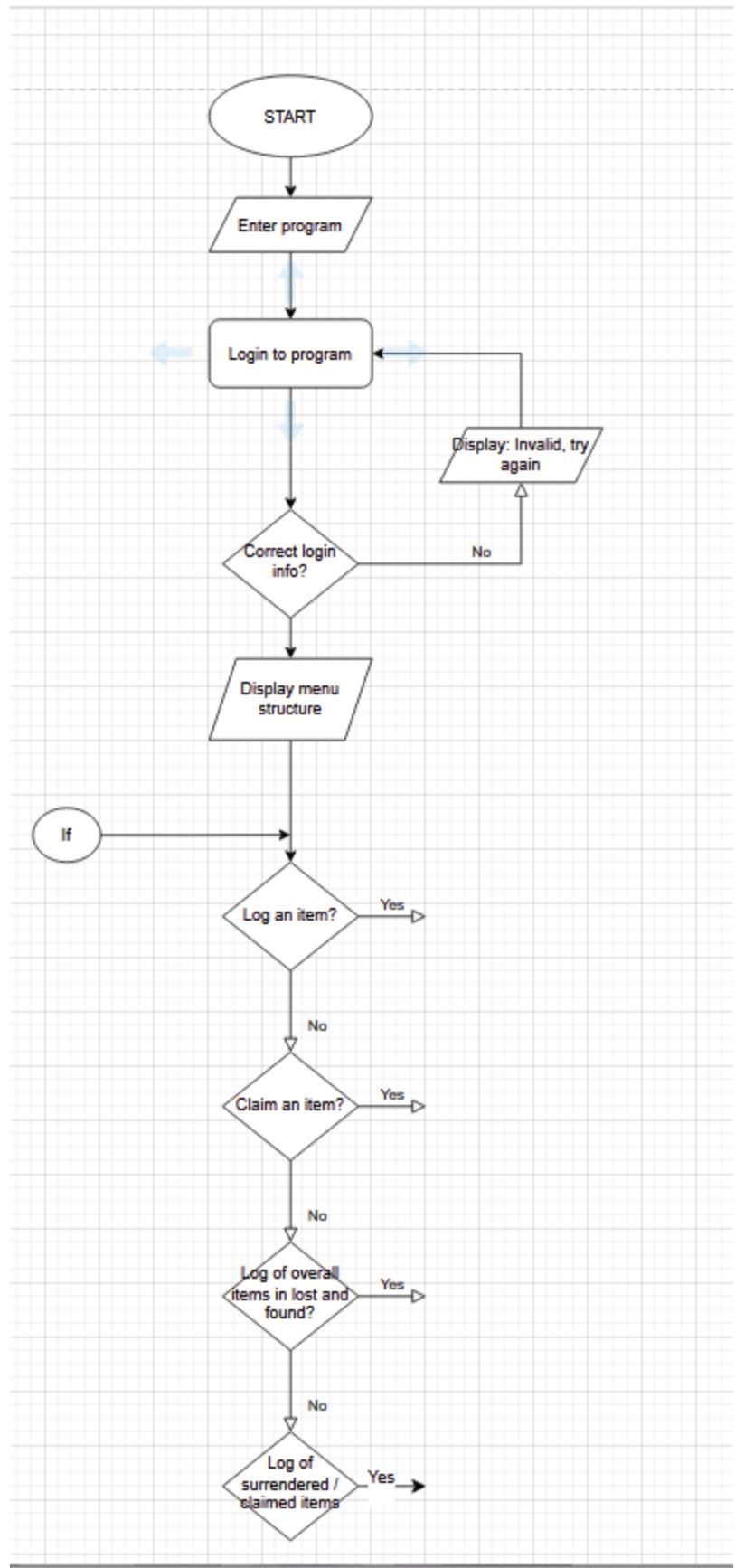
    FUNCTION addItem():
        PRINT "Select Category: "
        PRINT "1. Electronics"
        PRINT "2. Clothing"
        PRINT "3. Accessories"
        INPUT categoryChoice

        PRINT "Enter Item Name: "
        INPUT itemName
        PRINT "Enter Description: "
        INPUT description
        PRINT "Enter Date Found (YYYY-MM-DD): "
        INPUT dateFound

        STORE item in corresponding category list

    FUNCTION viewItems():
        FOR each category:
            PRINT all items in that category with name, description, date

    FUNCTION searchItem():
        PRINT "Enter Item Name to Search: "
        INPUT searchName
        SEARCH in all categories
        IF found THEN
            PRINT item details
        ELSE
            PRINT "Item not found."
```



- *Accomplishment timeline has been allotted.*

⇒ **Contribution Report:**

- *Programming and coding structure ⇒ Verano*
- *Pseudocode ⇒ De Vera & Datahan*
- *Flowchart ⇒ Baula*

Conclusion: So far, the progress made in the span of 1 - 2 weeks has been well implemented with the time allotted. Although due to the upcoming CEA and Quiz Bee, Potentially delaying our total progress in the next upcoming weeks, we will try our best to fully commit and to complete our program to the best of our ability.