CRITERION A

Words: 587

Problem Statement:

Words: 18

My client doesn't have an organized way to keep track of the information in emails sent to her.

Description of Scenario:

Words: 83

Ms. Dragomir is a project development officer working for the UN Refugee agency. She is responsible for deciding and matching activities with the interests of donors.[1] Every day she receives emails from fundraisers about donor requests, and for each of the requests she needs to ask for many clarifications. This means that she ends up with email chains with over 40 replies and information can often be lost.[2] She wants a way to receive and store the information in a more structured manner.

Rationale for the Proposed Product:

Words: 206

- My client will be working with large amounts of data[3], so the product must be a computer program to allow her to store and keep track of all the different requests.

- An online solution is essential because my client needs to get information from fundraisers and donors living everywhere in Asia[4]. Otherwise there is no simple way to send the information back and forth.

[1] Client, interview by author, November 17, 2020. Transcript interview #1 **client answer 6**
[2] Client, interview by author, November 17, 2020. Transcript interview #1 **client answer 7**
[3] Client, interview by author, November 17, 2020. Transcript interview #1 **client answer 7**
[4] Client, interview by author, November 17, 2020. Transcript interview #1 **client answer 6**

- Netbeans will be used because it is a free integrated development environment and it has a streamlined interface to produce a web application. There is also a large community of developers so tutorials and online help are easily accessible.

- My client has no previous experience with coding and thus is unlikely to knowhow to work with a terminal-based application so a GUI is important for ease of use

- I will be coding in Java because it is an object-oriented programming language that I am familiar with and provides encapsulation which will make my product more reliable and inheritance which could be used to organize the classes I will create. The Java Virtual Machine can also be installed on any operating system, so my client, her colleague, and the donors she sends the form to will both be able to run my product.
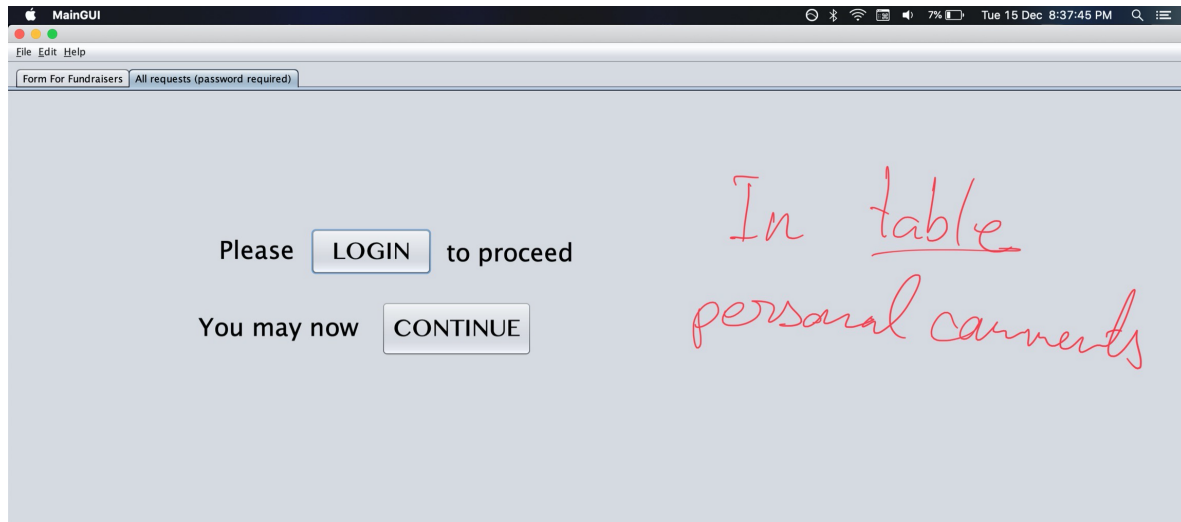
Product prototype:

File Edit Help

| Form For Fundraisers | All requests (password required) |

Please **LOGIN** to proceed

You may now **CONTINUE**

In table
personal comments

| Form For Fundraisers | All requests (password required) |

Geographical Interest [ ] i

Thematic Interest [ ] i

Reporting requirements [ ] i

Visibility requirements [ ] ~~i~~

Other Comments [ ]

Summary of interview comment:

Words: 81

- Leave fields as unrestrictive as possible, as donors may respond in many different formats,

- None of the fields are required to be filled out: donors don't always know all the info or may prefer to withhold answers,

- The budget year should not allow any year under 2021,

- Visibility requirements field does not need info button

- A field within each request for personal comments,

- Allow the exporting of all the requests to an excel sheet,

- All information must be editable after submission.

Success Criteria

Words: 161

After talking with my client during the second interview, I have developed criteria that my system will need to meet in order to be successful:

1. Have input fields for all the required information. However no field should be made as a requirement in order to submit the request and the input should be free-form.[5]

2. Provide a brief description of what is expected in each answer field in the form. Exclude description for Donor Name, Visibility Requirements, and the Other Comments input fields.[6]

3. Be able to export all stored requests into an excel sheet.[7]

4. Restrict fundraisers' access to the list of requests while allowing my client to see them at will through a password lock.

5. Allow previous requests to be edited and corrected if new information is provided. My client should have the ability to add comments on each request.[8]

6. Have a professional format for the input form as outside users will need to interact with the system (appropriate colors and font).

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[5] Client, interview by author, November 17, 2020. Transcript interview #2 **client answer #9**
[6] Client, interview by author, November 17, 2020. Transcript interview #2 **client response 5**
[7] Client, interview by author, November 17, 2020. Transcript interview #2 **client answer 16**
[8] Client, interview by author, November 17, 2020. Transcript interview #2 **client answer 15**