

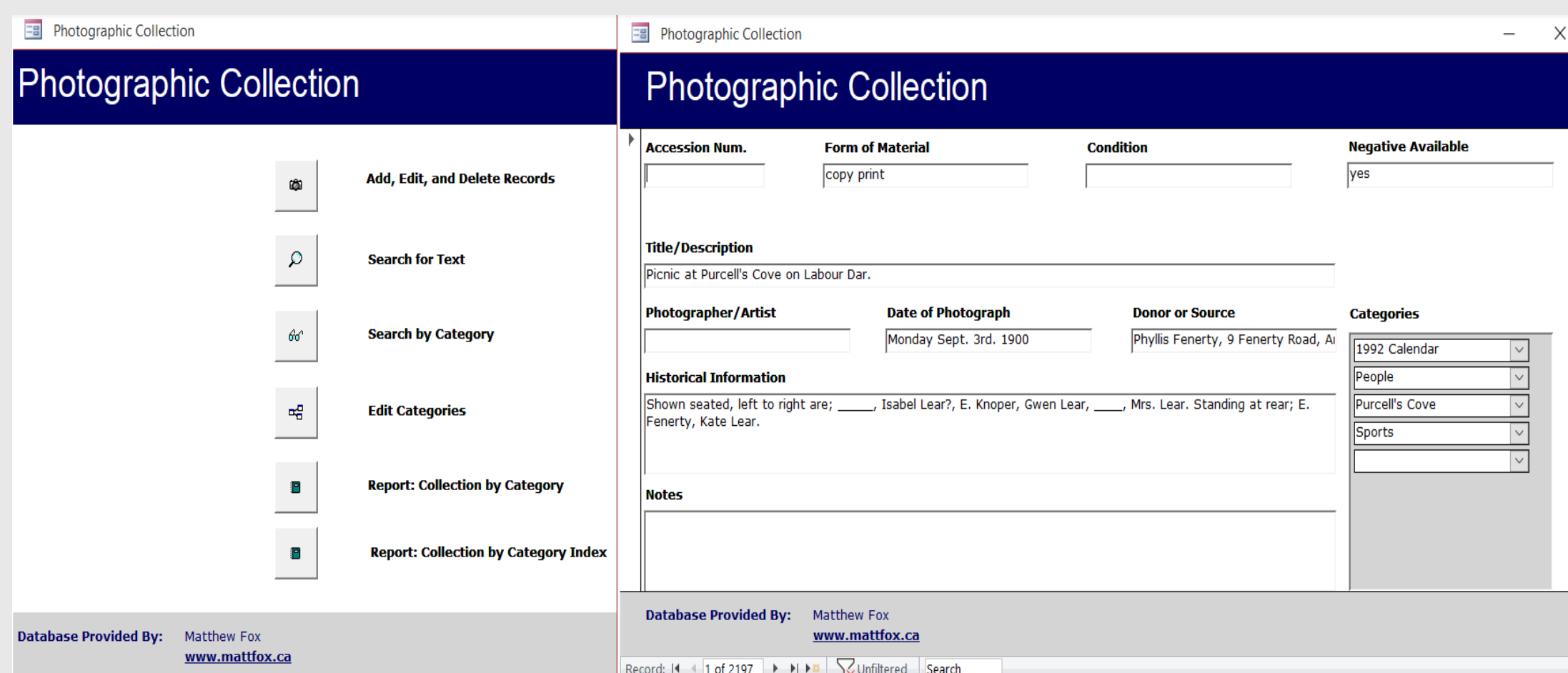
## Problem Define

Client is using a rudimentary Access file to store the information of heritages.

- The data stored in Access is not standardized to 4NF.

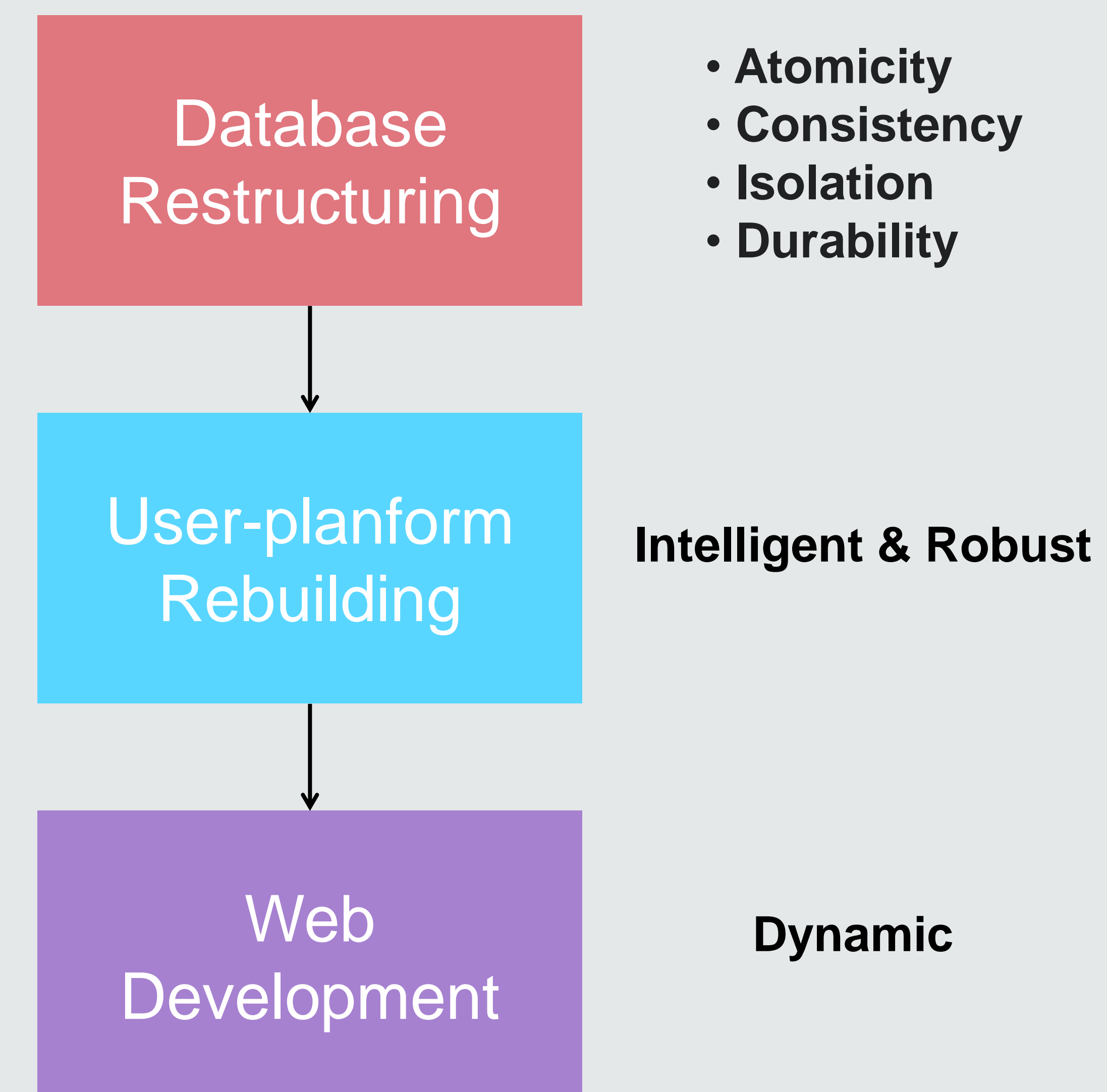
Form of Material	Condition
copy print, black & white	good
laser copy, black & white	good
copy print, black & white	slightly out of focus
copy print, black & white	out of focus
copy print, black & white	faded
laser copy, black & white	marked out of focus
laser copy, black & white	faded
laser copy	faded
copy print, black & white	out of focus
laser copy, black & white	good
laser copy, black & white	out of focus, poor quality

- The intelligence and robustness of current user- platform are minimum.



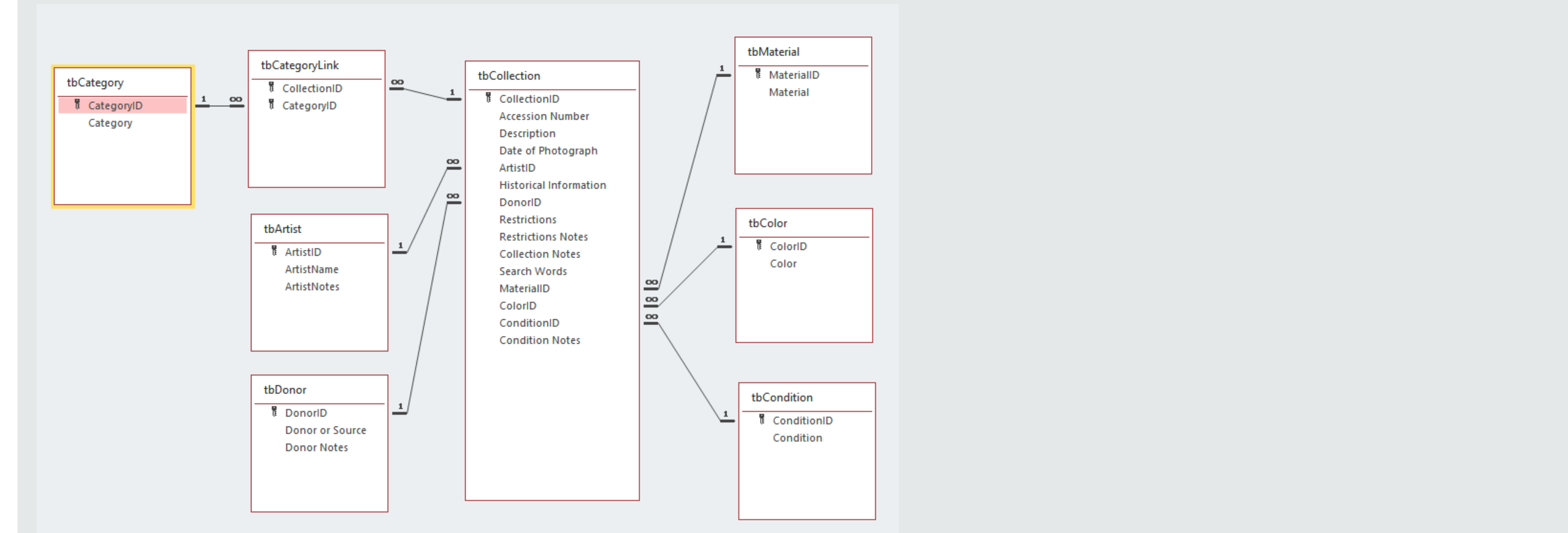
- Society's website is not connected with their database. Visitors need to send emails to data manager to request information.

## Problem Scope

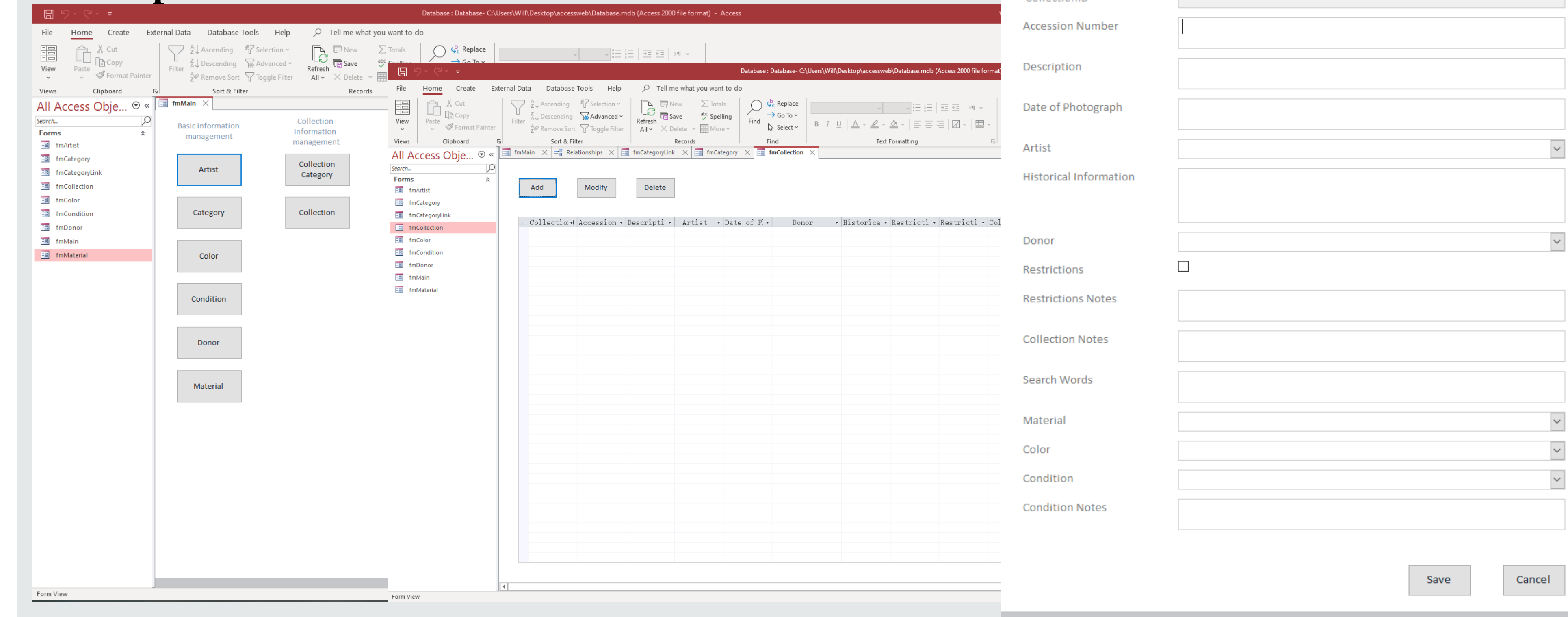


## Details of Design

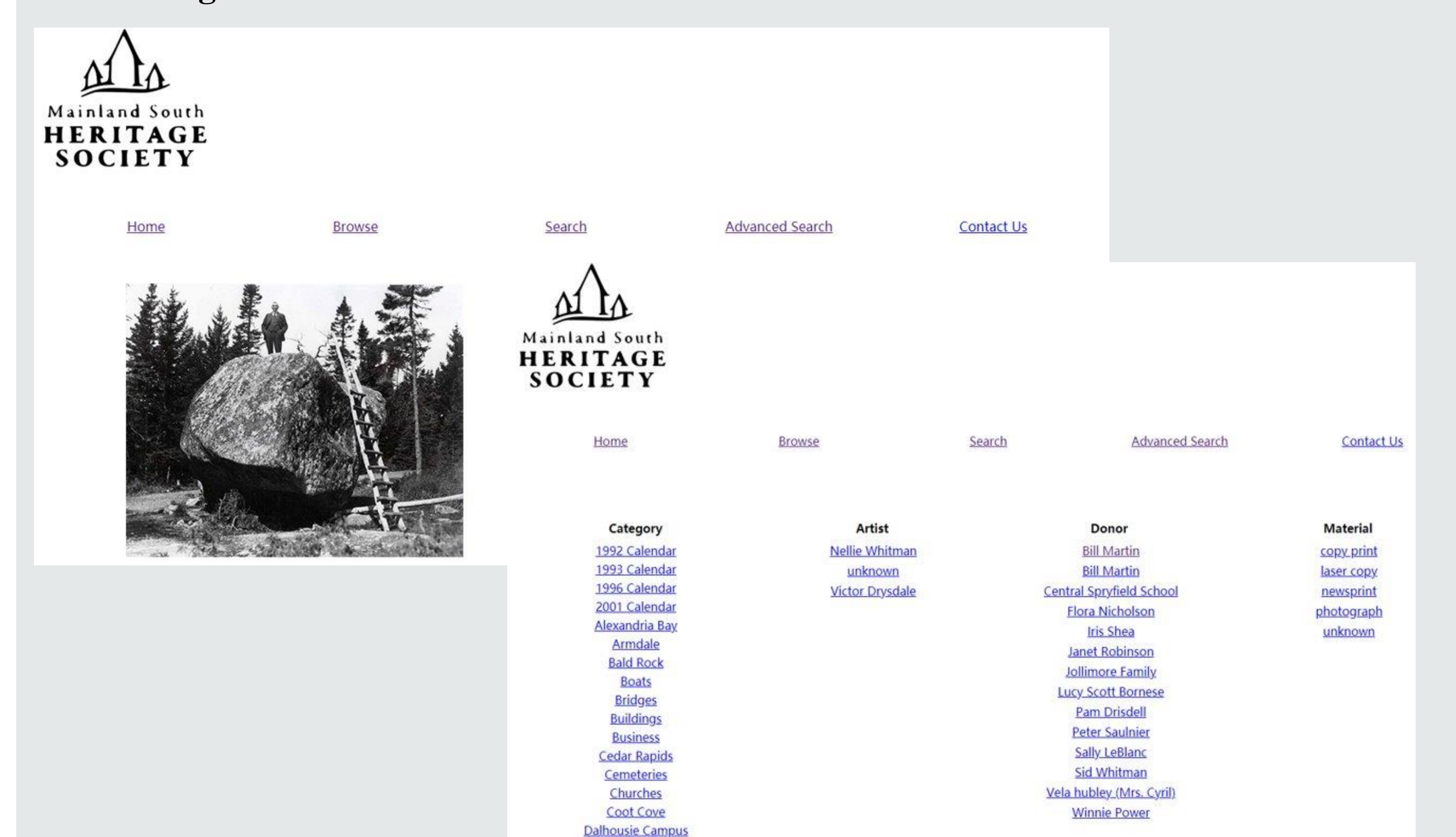
### Database structure



### User-planform



### Web design



## Improvements

### Database Structure:

- Standardize the data. Make the database consistent.
- Normalize the relationship in database

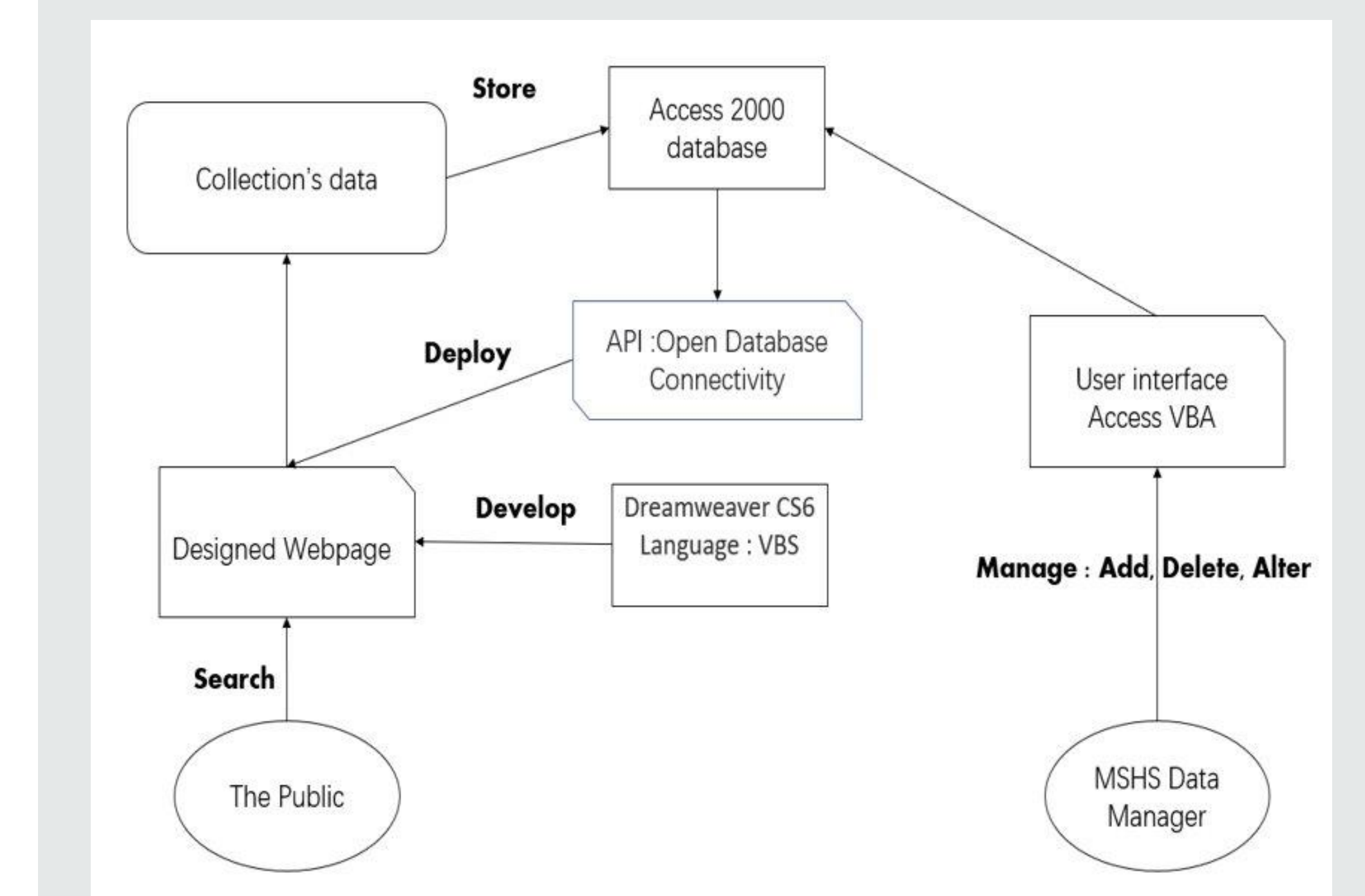
### User-platform:

- Add drop-off arrow box of each field for selecting instead off trying to add new data
- Rebuild the "search" function. After the change, the user can choose the specific field to do the search.
- Improve the "add/modify data" function. The user does not need to go over the whole dataset to do the change.
- Add "Save/Cancel" button for adding new data. The user can cancel the process at any time

### Web Page:

- Upload the database on the website
- Visitors can search the information freely instead of sending emails to the data manger to get the right information

## Conclusion



- Motifying data : Local access database
- Updating data : Upload new access file to the webpage.
- Searching on webpage : Read Only.
- Seperating the data management from public searching.