**Signing Up Form:**

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So based on this form, some essential information to keep in database for table **Member** Could be:

firstName

lastName

homeAddress

city

postalCode

country

province

homePhone

workPhone (Can be NULL)

company (Can be NULL)

emailAddress

communicationLanguage

dateOfBirth

**Login Form:**

A screenshot of a computer screen

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So we can add to the Member Table:

clientNumber

password

**Search Catalogue Form**

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Description automatically generated

A screenshot of a computer

Description automatically generated

Based on the information on search page, there are different materials in the library. So we can have a **Material** table with a column name type.

**Material** Table fields:

Type: (printed books, Ebooks, Music, Poster, Audio Books, ….)

Title

Author

Subject

Series

Number(ISBN)

Publisher

Content (Fiction, Biographies, Nonfiction, Novels for teenagers)

Summary

BackCover

Formatted contents

Call number

Description (116 pages ; 21 cm)

Fonds

Keyword

Notes

Barcode

Award

Category

Publication year

Publication place

Building (Grande Bibliotheque, BanQ Quebec, BanQ Gatineau, … )

Audience (adults, children)

availableOnline: (Boolean)

language

averageRating

Bibliographic entry number

**BorrowedMaterials** table

memberId

materialId

rate

comment