

Visitors

V\_ID

First Name

Middle Name

Last Name

Title

Date of Birth

Place of Birth

Date of Death

Place of Death

Loans

L\_ID

Date of borrowing

Date of Return

Visitors (FK)

Book

B\_ID

Title

Year of Publishing

Author (FK)

Publisher (FK)

Loans (FK)

Publisher

Publ\_ID

Name

Place

Author

P\_ID

First Name

Last Name

Date of Birth

Place of Birth

Date of Death

Place of Death

Publisher (FK)



ENTITY: [AUTHOR]

ATTRIBUTES:

[P\_ID] (PK)

[First Name]

[Last Name]

[Place of Birth]

[Date of Birth]

[Place of Death]

[Date of Death]

[Publisher] (FK, connected to table [PUBLISHER])

ENTITY: [BOOK]

ATTRIBUTES:

[B\_ID] (PK)

[Title]

[Year of Publishing]

[Author] (FK, connected to table [AUTHOR])

[Publisher] (FK, connected to table [PUBLISHER])

[Loans] (FK, connected to table [LOANS])

ENTITY: [PUBLISHER]

ATTRIBUTES:

[PUBL\_ID] (PK)

[Name]

[Place]

ENTITY: [LOANS]

ATTRIBUTES:

[L\_ID] (PK)

[Date of Borrowing]

[Date of Return]

[Visitors] (FK, connected to table [VISITORS])

ENTITY: [VISITORS]

ATTRIBUTES:

[V\_ID] (PK)

[First Name]

[Middle Name]

[Last Name]

[Title]

[Place of Birth]

[Date of Birth]

[Place of Death]

[Date of Death]

I am not completely sure about the relationship between loans & books, as one book can have several loans as well, but not at the same time. This is why I think the relationship is 1 to many, but overall a book can be loaned by a lot of people during its life. I am however not really sure if I should and how I can indicate that.