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| Tabla: Publisher |                              |
|------------------|------------------------------|
| Primary Key:     | publisher_id                 |
| Columnas         | publisher_id, publisher_name |
| Foreign Key:     | N/A                          |

| Tabla: Genre |                                   |
|--------------|-----------------------------------|
| Primary Key: | genre_id                          |
| Columnas     | genre_id, genre_name, description |
| Foreign Key: | N/A                               |

| Tabla: Status |                                     |
|---------------|-------------------------------------|
| Primary Key:  | status_id                           |
| Columnas      | status_id, status_name, description |
| Foreign Key:  | N/A                                 |

| Tabla: ItemType |                            |
|-----------------|----------------------------|
| Primary Key:    | itemtype_id                |
| Columnas        | itemtype_id, itemtype_name |
| Foreign Key:    | N/A                        |

| Tabla: Review |                  |
|---------------|------------------|
| Primary Key:  | review_id        |
| Columnas      | review_id, stars |
| Foreign Key:  | N/A              |

| Tabla: ItemHasGenre  |   |  |
|--|---|--|
| Primary Key: item_id, genre_id                             |   |  |
| Columnas   | item_id, genre_id   |  |
| Foreign Key:   | itemtype_id que hace referencia a itemtype_id en la tabla ItemType. |  |
| genre_id que hace referencia a genre_id en la tabla Genre. |   |  |

| Tabla: Item  |  |
|--------------|--|
| Primary Key: | item_id  |
| Columnas     | item_id, title, author, edition, cover_image,barcode,                  |
|              | itemtype_id,status_id,genre_id,publisher_id                            |
| Foreign Key: | itemtype_id que hace referencia a itemtype_id en la tabla ItemType.    |
|              | status_id que hace referencia a status_id en la tabla Status.          |
|              | publisher_id que hace referencia a publisher_id en la tabla Publisher. |

Elaborado por:
-Renzo Giuliano Barra Mostajo
2019003700
-Álvaro Andrey Moreira Vilalobos
2018319327
-Ronaldo Josué Vindas Barboza
2018238697

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| Tabla: ItemHasReview  |   |
|---|---|
| Primary Key:  | item_id, review_id                                      |
| Columnas  | item_id, review_id                                      |
| Foreign Key:  | item_id que hace referencia a item_id en la tabla Item. |
| review_id que hace referencia a review_id en la tabla Review. |   |

| Tabla: RelationType          |                                    |
|------------------------------|------------------------------------|
| Primary Key: relationtype_id |                                    |
| Columnas                     | relationtype_id, realtiontype_name |
| Foreign Key:                 | N/A                                |

| Tabla: PersonType |                                |
|-------------------|--------------------------------|
| Primary Key:      | persontype_id                  |
| Columnas          | persontype_id, persontype_name |
| Foreign Key:      | N/A                            |

| Tabla: SystemLog |  |  |
|------------------|--|--|
| Primary Key:     | systemlog_id   |  |
| Columnas         | systemlog_id, description, sys_date, time, object, tipe_change |  |
| Foreign Key:     | N/A  |  |

| Tabla: Person |   |  |
|---------------|---|--|
| Primary Key:  | person_id   |  |
| Columnas      | person_id, first_name,last_name, email, password, phone_number birth_day,age, persontype_id |  |
| Foreign Key:  | persontype_id que hace referencia a persontype_id en la tabla<br>PersonType.                |  |

| Tabla: Person1KnowsPerson2 |  |  |
|----------------------------|--|--|
| Primary Key:               | person1_id , person2_id, relationtype_id   |  |
| Columnas                   | person1_id , person2_id, relationtype_id   |  |
| Foreign Key:               | person1_id que hace referencia a person_id de la tabla Persona. person2_id que hace referencia a person_id de la tabla Persona. relationtype_id que hace referencia a relationtype_id de la tabla RelationType |  |

Elaborado por:
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2018238697

## Modelo lógico

| Tabla: PersonHasItem |   |  |
|----------------------|---|--|
| Primary Key:         | person_id , item_id   |  |
| Columnas             | person_id , item_id   |  |
| Foreign Key:         | person1_id que hace referencia a person_id de la tabla Persona. |  |
|                      | item_id que hace referencia a item_id de la tabla Item.         |  |

| Tabla: PersonLendItem |   |  |
|-----------------------|---|--|
| Primary Key:          | person_id , item_id   |  |
| Columnas              | person_id , item_id, lend_date, return_date, amount_days        |  |
| Foreign Key:          | person1_id que hace referencia a person_id de la tabla Persona. |  |
|                       | item_id que hace referencia a item_id de la tabla Item.         |  |

| Tabla: Parameter |                           |  |
|------------------|---------------------------|--|
| Primary Key:     | parameter_id              |  |
| Columnas         | Parameter_id, value, name |  |
| Foreign Key:     | N/A                       |  |