|  |  |  |
| --- | --- | --- |
| **Publishers** |  |  |
| Publisher\_ID | Number(5) | <pk> |
| Publisher\_Name | Varchar2(100) |  |

|  |  |  |
| --- | --- | --- |
| **Authors** |  |  |
| Author\_ID | Number(5) | <pk> |
| Author\_LastName | Varchar2(100) |  |
| Author\_FirstName | Varchar2(100) |  |

|  |  |
| --- | --- |
| **Modèle Physique des Données** | |
| OLibrary | |
| ABC Robot Solutions | 03/01/17 |

|  |  |  |
| --- | --- | --- |
| **Employees** |  |  |
| Employee\_ID | Number(5) | <pk> |
| Employee\_LastName | Varchar2(100) |  |
| Employee\_FirstName | Varchar2(100) |  |
| Employee\_Login | Varchar2(20) |  |
| Employee\_Password | Varchar2(20) |  |
| Employee\_Level | Number(1) |  |

|  |  |  |
| --- | --- | --- |
| **Categories** |  |  |
| Category\_ID | Number(5) | <pk> |
| Category\_Name | Varchar2(100) |  |

|  |  |  |
| --- | --- | --- |
| **Books** |  |  |
| Book\_ID | Number(5) | <pk> |
| Book\_Title | Varchar2(100) |  |
| Book\_Subtitle | Varchar2(100) |  |
| Publisher\_ID | Number(5) | <fk1> |
| Author\_ID | Number(5) | <fk2> |
| Publish\_Book\_Date | Date |  |
| Category\_ID | Number(5) | <fk3> |
| Book\_Cover | Varchar2(255) |  |
| Book\_Summary | Text |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Copies** |  |  | |
| Copy\_ID | Number(5) | | <pk> |
| Book\_ID | Number(5) | | <fk> |

|  |  |  |
| --- | --- | --- |
| **Customers** |  |  |
| Customer\_ID | Number(5) | <pk> |
| Customer\_LastName | Varchar2(100) |  |
| Customer\_FirstName | Varchar2(100) |  |
| Customer\_Address | Varchar2(100) |  |
| Customer\_CP | Number(5) |  |
| Customer\_City | Varchar2(100) |  |
| Customer\_Telephone | Number(20) |  |
| Customer\_Email | Varchar2(100) |  |
| Customer\_DateOfBirth | Date |  |
| Customer\_Password | Varchar2(20) |  |
| Customer\_SubscriptionDate | Date |  |
| Contact | Number(5) | <fk> |

|  |  |  |
| --- | --- | --- |
| **Periodical** |  |  |
| Periodical\_ID | Number(5) | <pk> |
| Periodical\_Title | Varchar2(100) |  |
| Periodical\_Subtitle | Varchar2(100) |  |
| Periodical\_Date | Date |  |
| Periodical\_DeleteDate | Date |  |
| Category\_ID | Number(5) | <fk> |
| Periodical\_Cover | Varchar2(255) |  |

|  |  |  |
| --- | --- | --- |
| Reserve\_Copies |  |  |
| Copy\_ID | Number(5) | <fk1> |
| Customer\_ID | Number(5) | <fk2> |
| Reservation\_start\_date | Date |  |
| Reservation\_end\_date | Date |  |

|  |  |  |
| --- | --- | --- |
| Reserve\_Periodical |  |  |
| Periodical\_ID | Number(5) | <fk1> |
| Customer\_ID | Number(5) | <fk2> |
| Reservation\_start\_date | Date |  |
| Reservation\_end\_date | Date |  |

|  |  |  |
| --- | --- | --- |
| Borrow\_Copies |  |  |
| Copy\_ID | Number(5) | <fk1> |
| Customer\_ID | Number(5) | <fk2> |
| Borrow\_date | Date |  |
| Return\_date | Date |  |

|  |  |  |
| --- | --- | --- |
| Borrow\_Periodical |  |  |
| Periodical\_ID | Number(5) | <fk1> |
| Customer\_ID | Number(5) | <fk2> |
| Borrow\_date | Date |  |
| Return\_date | Date |  |