1. Библиотекарь

|  |  |  |  |
| --- | --- | --- | --- |
| **Client** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| PK | Id | int | Auto increment |
|  | Login | nchar(20) | NOT NULL |
|  | Password | nvarchar(100) | NOT NULL |
|  | Surname | nvarchar(30) | NOT NULL |
|  | Name | nvarchar(30) | NOT NULL |
|  | Patronymic | nvarchar(30) | NOT NULL |
|  | Salary | int | NOT NULL |

1. Издательство

|  |  |  |  |
| --- | --- | --- | --- |
| **Publisher** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| PK | Id | int | Auto increment |
|  | Name | nvarchar(100) | NOT NULL |

1. ББК – Библиотечно-библиографическая классификация

|  |  |  |  |
| --- | --- | --- | --- |
| **BBK** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| PK | Id | int | Auto increment |
|  | Code | nchar(20) | NOT NULL |
|  | Name | nvarchar(100) | NOT NULL |

1. УДК – Универсальная десятичная классификация

|  |  |  |  |
| --- | --- | --- | --- |
| **YDK** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| PK | Id | int | Auto increment |
|  | Code | nchar(20) | NOT NULL |
|  | Name | nvarchar(100) | NOT NULL |

1. Издание

|  |  |  |  |
| --- | --- | --- | --- |
| **Publication** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| PK | Id | int | Auto increment |
|  | Title | nvarchar(100) | NOT NULL |
|  | Annotation | nvarchar(1000) |  |
| FK | PublisherId | int | NOT NULL |
| FK | BookId | int | NOT NULL |
| FK | BBK\_Id | int | NOT NULL |
| FK | YDK\_Id | int | NOT NULL |
|  | Year | int | NOT NULL |
|  | Pages | int | NOT NULL |
|  | ISBN | Nchar(30) | NOT NULL |
|  | Record | Nvarchar(250) | NOT NULL |
|  | Left | int | NOT NULL |

1. Автор

|  |  |  |  |
| --- | --- | --- | --- |
| **Author** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| PK | Id | int | Auto increment |
|  | Name | nvarchar (100) | NOT NULL |

1. Автор-Издание

|  |  |  |  |
| --- | --- | --- | --- |
| **Author\_Publication** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| FK | AuthorId | int | NOT NULL |
| FK | PublicationId | int | NOT NULL |

1. Выдача книги

|  |  |  |  |
| --- | --- | --- | --- |
| **PublicationIssuance** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| PK | Id | int | Auto increment |
| FK | LibrarianId | int | NOT NULL |
| FK | ClientId | int | NOT NULL |
| FK | PublicationId | int | NOT NULL |
|  | DateIssued | datetime | NOT NULL |
|  | DateExpired | datetime | NOT NULL |
|  | Passed | bit | NOT NULL |

1. Потеря книги

|  |  |  |  |
| --- | --- | --- | --- |
| **PublicationLost** | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE/ FIELD SIZE** | **NOTES** |
| PK | Id | int | Auto increment |
| FK | LibrarianId | int | NOT NULL |
| FK | ClientId | int | NOT NULL |
| FK | PublicationId | int | NOT NULL |