The file Library\_DB.accdb contain the data base of the program, and it contain the following tables:

* **Books**: This table contain all the books’ information. It has 8 fields:

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Description |
| ID | Integer | Long Integer | It shows how many books do the application has |
| ISBN | String | 255 Character |  |
| Author\_FName |  | 255 Character |  |
| Author\_LName |  | 255 Character |  |
| Title |  | 255 Character |  |
| Genre |  | 255 Character |  |
| ReleaseYear |  | 255 Character |  |
| Hold |  | 255 Character |  |

* **Employees:** This table contain the employees’ information and their role. It has 9 fields.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Description |
| ID | Integer | Long Integer | It shows each employ’s ID number |
| FName | String | 255 Character |  |
| LName | String | 255 Character |  |
| Username | String | 255 Character |  |
| Password | String | 255 Character |  |
| Role | String | 255 Character |  |
| NumberOfBooks | Integer | Short Integer |  |
| Email | String | 255 Character |  |
| CellPhone | String | 255 Character |  |

* **Members:** This table contain the users’ information and their eligibility to rent books from the library. It has 9 fields.

|  |  |  |  |
| --- | --- | --- | --- |
| Field Name | Data Type | Size | Description |
| ID | Integer | Long Integer | It shows each member’s ID number |
| FName | String | 255 Character |  |
| LName | String | 255 Character |  |
| Username | String | 255 Character |  |
| Password | String | 255 Character |  |
| Email | String | 255 Character |  |
| NumberOfBooks | Integer | Short Integer |  |
| Suspended | String | 255 Character |  |
| Fees | String | 255 Character |  |