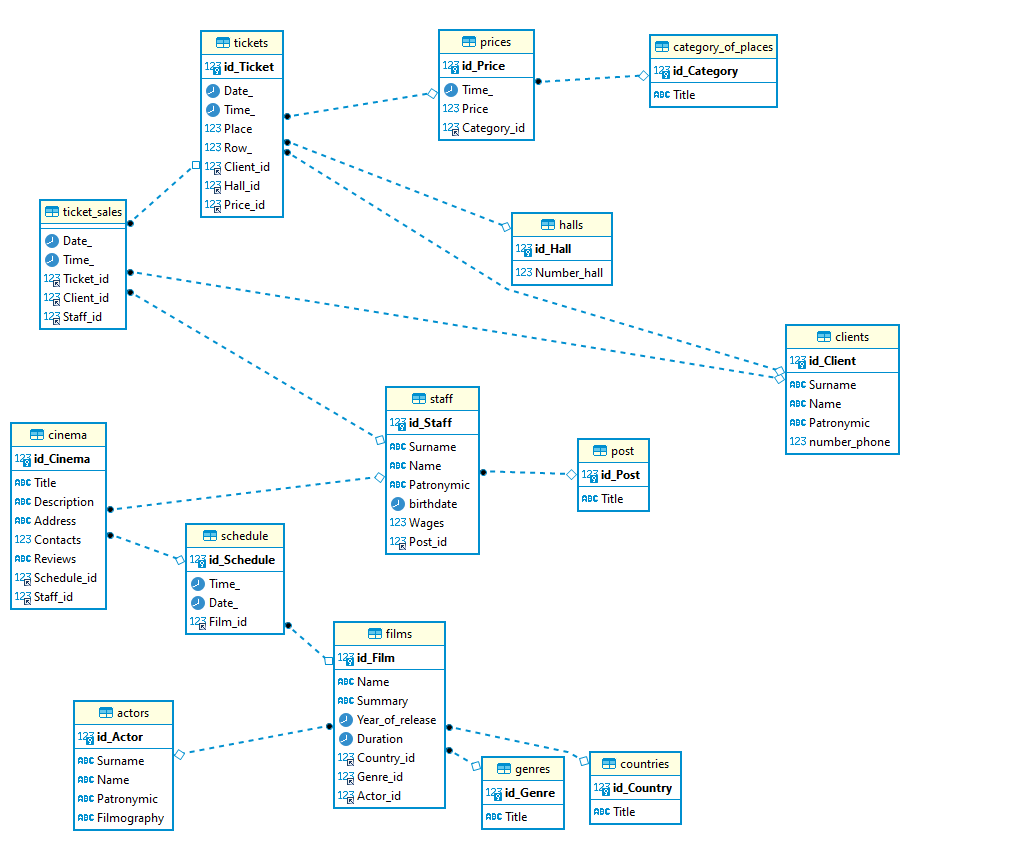
Зиганшиной Эльвиры 912

Урок 2 - Создание скрипта базы данных

Получившаяся диаграмма:



**drop** **database** **if** **exists** `Cinema`;

**create** **database** `Cinema`;

**use** `Cinema`;

**show** tables;

**create** **table** Clients(

id\_Client **INT** **primary** **key** **auto\_increment**,

Surname **VARCHAR**(50) **not** **null**,

Name **VARCHAR**(50) **not** **null**,

Patronymic **VARCHAR**(50) **not** **null**,

number\_phone **INT**

);

**create** **table** Post(

id\_Post **INT** **primary** **key** **auto\_increment**,

Title **VARCHAR**(255) **not** **null**

);

**create** **table** Halls(

id\_Hall **INT** **primary** **key** **auto\_increment**,

Number\_hall **INT** **not** **null**

);

**create** **table** Category\_of\_places(

id\_Category **INT** **primary** **key** **auto\_increment**,

Title **VARCHAR**(255) **not** **null**

);

**create** **table** Actors(

id\_Actor **INT** **primary** **key** **auto\_increment**,

Surname **VARCHAR**(50) **not** **null**,

Name **VARCHAR**(50) **not** **null**,

Patronymic **VARCHAR**(50) **not** **null**,

Filmography **VARCHAR**(255)

);

**create** **table** Genres(

id\_Genre **INT** **primary** **key** **auto\_increment**,

Title **VARCHAR**(255) **not** **null**

);

**create** **table** Countries(

id\_Country **INT** **primary** **key** **auto\_increment**,

Title **VARCHAR**(255) **not** **null**

);

**create** **table** Staff(

id\_Staff **INT** **primary** **key** **auto\_increment**,

Surname **VARCHAR**(50) **not** **null**,

Name **VARCHAR**(50) **not** **null**,

Patronymic **VARCHAR**(50) **not** **null**,

birthdate **DATE**,

Wages **FLOAT**,

Post\_id **INT**,

**foreign** **key** (Post\_id) **references** Post(id\_Post)

);

**create** **table** Prices(

id\_Price **INT** **primary** **key** **auto\_increment**,

Time\_ **TIME**,

Price **FLOAT** **not** **null**,

Category\_id **INT**,

**foreign** **key** (Category\_id) **references** Category\_of\_places(id\_Category)

);

**create** **table** Tickets(

id\_Ticket **INT** **primary** **key** **auto\_increment**,

Date\_ **DATE** **not** **null**,

Time\_ **TIME** **not** **null**,

Place **INT** **not** **null**,

Row\_ **INT** **not** **null**,

Client\_id **INT** **not** **null**,

Hall\_id **INT** **not** **null**,

Price\_id **INT** **not** **null**,

foreign **key** (Client\_id) **references** Clients(id\_Client),

**foreign** **key** (Hall\_id) **references** Halls(id\_Hall),

**foreign** **key** (Price\_id) **references** Prices(id\_Price)

);

**create** **table** Ticket\_sales(

Date\_ **DATE**,

Time\_ **TIME**,

Ticket\_id **INT** **not** **null**,

Client\_id **INT** **not** **null**,

Staff\_id **INT** **not** **null**,

**foreign** **key** (Ticket\_id) **references** Tickets(id\_Ticket),

**foreign** **key** (Client\_id) **references** Clients(id\_Client),

**foreign** **key** (Staff\_id) **references** Staff(id\_Staff)

);

**create** **table** Films(

id\_Film **INT** **primary** **key** **auto\_increment**,

Name **VARCHAR**(255) **not** **null**,

Summary **VARCHAR**(255),

Year\_of\_release **DATE**,

Duration **TIME**,

Country\_id **INT**,

Genre\_id **INT**,

Actor\_id **INT**,

**foreign** **key** (Country\_id) **references** Countries(id\_Country),

**foreign** **key** (Genre\_id) **references** Genres(id\_Genre),

**foreign** **key** (Actor\_id) **references** Actors(id\_Actor)

);

**create** **table** Schedule(

id\_Schedule **INT** **primary** **key** **auto\_increment**,

Time\_ **TIME** **not** **null**,

Date\_ **DATE** **not** **null**,

Film\_id **INT**,

**foreign** **key** (Film\_id) **references** Films(id\_Film)

);

**create** **table** Cinema(

id\_Cinema **INT** **primary** **key** **auto\_increment**,

Title **VARCHAR**(255) **not** **null**,

Description **VARCHAR**(255),

Address **VARCHAR**(255) **not** **null**,

Contacts **INT** **not** **null**,

Reviews **VARCHAR**(255),

Schedule\_id **INT**,

Staff\_id **INT**,

**foreign** **key** (Schedule\_id) **references** Schedule(id\_Schedule),

**foreign** **key** (Staff\_id) **references** Staff(id\_Staff)

);