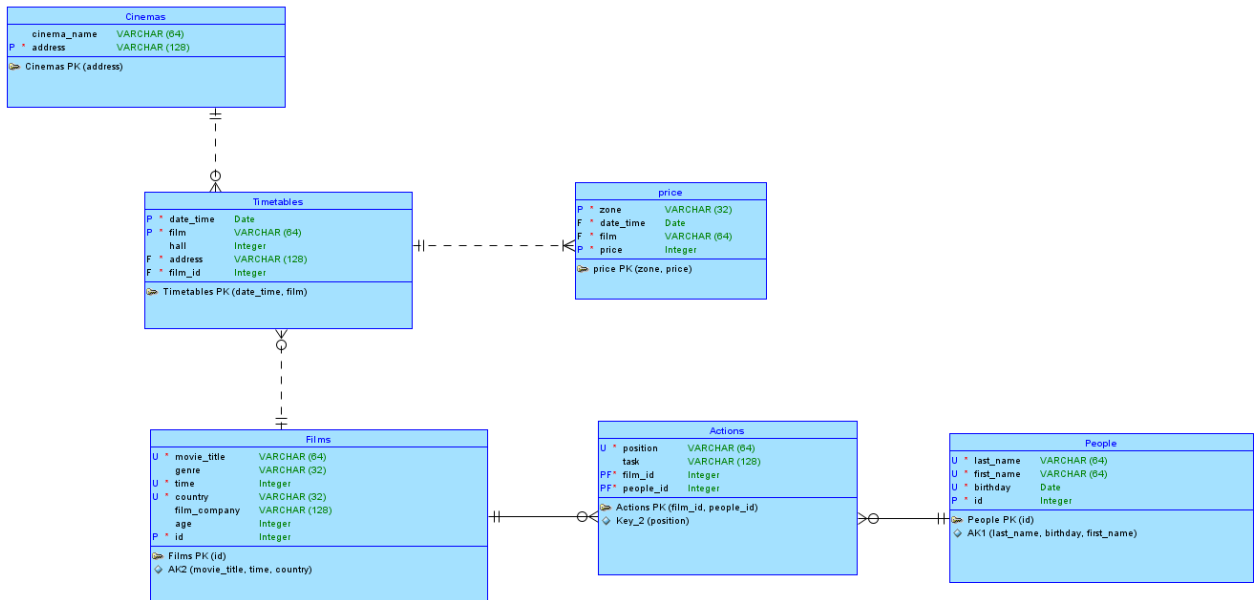


Нуритдинходжаева Алина С20-712

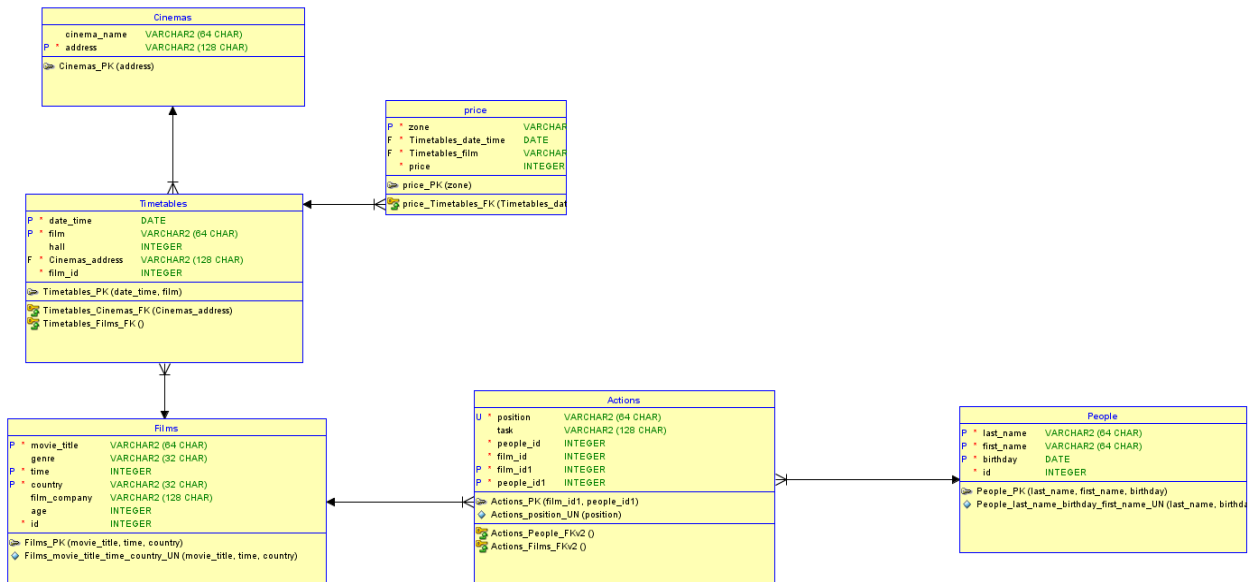
Лабораторная работа №2

Вариант №17

--Задание 1



--Задание 2



--Задание 3

```
CREATE TABLE actions (  
    position VARCHAR2(64 CHAR) NOT NULL,  
    task VARCHAR2(128 CHAR),  
    films_id INTEGER NOT NULL,  
    people_id INTEGER NOT NULL);
```

```
ALTER TABLE actions ADD CONSTRAINT actions_pk PRIMARY KEY (  
    films_id, people_id );
```

```
ALTER TABLE actions ADD CONSTRAINT actions_position_un UNIQUE  
(position);
```

```
CREATE TABLE cinemas (  
    cinema_name VARCHAR2(64 CHAR),  
    address VARCHAR2(128 CHAR) NOT NULL);
```

```
ALTER TABLE cinemas ADD CONSTRAINT cinemas_pk PRIMARY KEY  
(address);
```

```
CREATE TABLE films (  
    movie_title VARCHAR2(64 CHAR) NOT NULL,  
    genre VARCHAR2(32 CHAR),  
    time INTEGER NOT NULL,  
    country VARCHAR2(32 CHAR) NOT NULL,  
    film_company VARCHAR2(128 CHAR),  
    age INTEGER,  
    id INTEGER NOT NULL);
```

```
ALTER TABLE films ADD CONSTRAINT films_pk PRIMARY KEY (id);
```

ALTER TABLE films

ADD CONSTRAINT fmttc UNIQUE (movie_title, time, country);

CREATE TABLE people (

last_name VARCHAR2(64 CHAR) NOT NULL,

first_name VARCHAR2(64 CHAR) NOT NULL,

birthday DATE NOT NULL,

id INTEGER NOT NULL);

ALTER TABLE people ADD CONSTRAINT people_pk PRIMARY KEY (id);

ALTER TABLE people

ADD CONSTRAINT pln UNIQUE (last_name, birthday, first_name);

CREATE TABLE price (

zone VARCHAR2(32 CHAR) NOT NULL,

timetables_date_time DATE NOT NULL,

timetables_film VARCHAR2(64 CHAR) NOT NULL,

price INTEGER NOT NULL);

ALTER TABLE price ADD CONSTRAINT price_pk PRIMARY KEY (zone, price);

CREATE TABLE timetables (

date_time DATE NOT NULL,

film VARCHAR2(64 CHAR) NOT NULL,

hall INTEGER,

cinemas_address VARCHAR2(128 CHAR) NOT NULL,

films_id INTEGER NOT NULL);

```
ALTER TABLE timetables ADD CONSTRAINT timetables_pk PRIMARY KEY  
(date_time, film);
```

```
ALTER TABLE actions
```

```
    ADD CONSTRAINT actions_films_fk FOREIGN KEY ( films_id )  
    REFERENCES films (id);
```

```
ALTER TABLE actions
```

```
    ADD CONSTRAINT actions_people_fk FOREIGN KEY (people_id)  
    REFERENCES people (id);
```

```
ALTER TABLE price
```

```
    ADD CONSTRAINT price_timetables_fk FOREIGN KEY  
(timetables_date_time, timetables_film)  
    REFERENCES timetables (date_time, film);
```

```
ALTER TABLE timetables
```

```
    ADD CONSTRAINT timetables_cinemas_fk FOREIGN KEY  
(cinemas_address)  
    REFERENCES cinemas (address);
```

```
ALTER TABLE timetables
```

```
    ADD CONSTRAINT timetables_films_fk FOREIGN KEY (films_id)  
    REFERENCES films (id);
```