Прядок

**ROOM\_TYPES**

**PHOTO**

**EMPLOYEES**

**GUESTS**

**SERVICE\_TYPES**

SERVICES

**TARIFF\_TYPES**

**GUESTS**

**ROOMS**

**BOOKING**

CREATE TABLE ROOM\_TYPES (  
 room\_type\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 room\_type\_name NVARCHAR2(50) NOT NULL,  
 room\_type\_capacity NUMBER(10) NOT NULL,  
 room\_type\_daily\_price FLOAT(10) NOT NULL,  
 room\_type\_description NVARCHAR2(200) NOT NULL,  
 CONSTRAINT room\_type\_pk PRIMARY KEY (room\_type\_id)  
);  
CREATE TABLE PHOTO (  
 photo\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 photo\_room\_type\_id NUMBER(10) NOT NULL,  
 photo\_source BLOB DEFAULT *EMPTY\_BLOB*(),  
 CONSTRAINT photo\_pk PRIMARY KEY (photo\_id),  
 CONSTRAINT photo\_room\_type\_fk FOREIGN KEY (photo\_room\_type\_id) REFERENCES ROOM\_TYPES(room\_type\_id)  
); //хз что да как

CREATE TABLE GUESTS (  
 guest\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 guest\_email NVARCHAR2(50) NOT NULL,  
 guest\_name NVARCHAR2(50) NOT NULL,  
 guest\_surname NVARCHAR2(50) NOT NULL,  
 CONSTRAINT guest\_pk PRIMARY KEY (guest\_id)  
);

CREATE TABLE EMPLOYEES (  
 employee\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 employee\_name NVARCHAR2(50) NOT NULL,  
 employee\_surname NVARCHAR2(50) NOT NULL,  
 employee\_position NVARCHAR2(50) NOT NULL,  
 employee\_email NVARCHAR2(50) NOT NULL,  
 employee\_hire\_date DATE NOT NULL, --дата найма  
 employee\_birth\_date DATE NOT NULL,  
 CONSTRAINT employee\_pk PRIMARY KEY (employee\_id)  
);

CREATE TABLE ROOMS (  
 room\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 room\_room\_type\_id NUMBER(10) NOT NULL,  
 room\_number NVARCHAR2(50) NOT NULL,  
 CONSTRAINT room\_pk PRIMARY KEY (room\_id),  
 CONSTRAINT room\_room\_type\_fk FOREIGN KEY (room\_room\_type\_id) REFERENCES ROOM\_TYPES(room\_type\_id)  
);

CREATE TABLE TARIFF\_TYPES (  
 tariff\_type\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 tariff\_type\_name NVARCHAR2(50) NOT NULL,  
 tariff\_type\_description NVARCHAR2(200) NOT NULL,  
 tariff\_type\_daily\_price FLOAT(10) NOT NULL,  
 CONSTRAINT tariff\_type\_pk PRIMARY KEY (tariff\_type\_id)  
);

CREATE TABLE SERVICE\_TYPES (  
 service\_type\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 service\_type\_name NVARCHAR2(50) NOT NULL,  
 service\_type\_description NVARCHAR2(200) NOT NULL,  
 service\_type\_daily\_price FLOAT(10) NOT NULL,  
 service\_type\_employee\_id NUMBER(10) NOT NULL,  
 CONSTRAINT service\_type\_pk PRIMARY KEY (service\_type\_id),  
 CONSTRAINT service\_type\_employee\_fk FOREIGN KEY (service\_type\_employee\_id) REFERENCES EMPLOYEES(employee\_id)  
);

CREATE TABLE SERVICES (  
 service\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 service\_type\_id NUMBER(10) NOT NULL,  
 service\_guest\_id NUMBER(10) NOT NULL,  
 service\_start\_date DATE NOT NULL,  
 service\_end\_date DATE NOT NULL,  
 CONSTRAINT service\_pk PRIMARY KEY (service\_id),  
 CONSTRAINT service\_service\_type\_fk FOREIGN KEY (service\_type\_id) REFERENCES SERVICE\_TYPES(service\_type\_id),  
 CONSTRAINT service\_guest\_fk FOREIGN KEY (service\_guest\_id) REFERENCES GUESTS(guest\_id)  
);

CREATE TABLE BOOKING (  
 booking\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 booking\_room\_id NUMBER(10) NOT NULL,  
 booking\_guest\_id NUMBER(10) NOT NULL,  
 booking\_start\_date DATE NOT NULL,  
 booking\_end\_date DATE NOT NULL,  
 booking\_tariff\_id NUMBER(10) NOT NULL,  
 booking\_state NUMBER(1) DEFAULT 0,  
 CONSTRAINT booking\_pk PRIMARY KEY (booking\_id),  
 CONSTRAINT booking\_room\_fk FOREIGN KEY (booking\_room\_id) REFERENCES ROOMS(room\_id),  
 CONSTRAINT booking\_guest\_fk FOREIGN KEY (booking\_guest\_id) REFERENCES GUESTS(guest\_id),  
 CONSTRAINT booking\_tariff\_fk FOREIGN KEY (booking\_tariff\_id) REFERENCES TARIFF\_TYPES(tariff\_type\_id)  
);