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

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)  
);

CREATE TABLE PERSONS (  
 person\_id NUMBER(10) GENERATED AS IDENTITY(START WITH 1 INCREMENT BY 1),  
 person\_role\_id NUMBER(10) DEFAULT 3 NOT NULL,  
 person\_email NVARCHAR2(50) NOT NULL,  
 person\_password NVARCHAR2(50) NOT NULL,  
 person\_name NVARCHAR2(50) NOT NULL,  
 person\_surname NVARCHAR2(50) NOT NULL,  
 person\_father\_name NVARCHAR2(50) NOT NULL,  
 CONSTRAINT person\_pk PRIMARY KEY (person\_id),  
 CONSTRAINT person\_role\_fk FOREIGN KEY (person\_role\_id) REFERENCES ROLES(role\_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,  
 CONSTRAINT service\_type\_pk PRIMARY KEY (service\_type\_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\_person\_id NUMBER(10) NOT NULL, --мб заменить на id брони или сделать табличку куда это запихнуть  
 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\_person\_fk FOREIGN KEY (service\_person\_id) REFERENCES PERSONS(person\_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\_person\_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\_person\_fk FOREIGN KEY (booking\_person\_id) REFERENCES PERSONS(person\_id),  
 CONSTRAINT booking\_tariff\_fk FOREIGN KEY (booking\_tariff\_id) REFERENCES TARIFF\_TYPES(tariff\_type\_id)  
);