Запросы на просмотр:

**1) Учёт произведённых автомобилей**

SELECT wr\_name, mp\_name, pr\_count, pr\_date FROM product\_records JOIN manufactured\_products ON pr\_product\_number = mp\_id JOIN workshop ON pr\_wokshop = wr\_id

**2) Категории автомобилей**

SELECT pc\_name, pc\_description FROM product\_categories

**3) Выпускаемые продукты**

SELECT mp\_name, pc\_name, mp\_description FROM manufactured\_products JOIN product\_categories ON mp\_product\_category = pc\_id

**4) Личная информация сотрудников**

SELECT em\_id, em\_name, em\_surname, em\_patronymic, em\_phone, em\_adress FROM employees

**5) Информация о сотрудниках**

SELECT em\_name, em\_surname, em\_patronymic, br\_name, sc\_name FROM empoloyees\_characteristic JOIN staff\_categories ON sc\_id = ec\_staff\_category JOIN brigade ON br\_id = ec\_brigade JOIN employees ON ec\_id = em\_id

**6) Категории сотрудников**

SELECT sc\_name, if(sc\_special = 1, 'Инженерно-технологическая', 'Рабочая') , sc\_description FROM staff\_categories

**7) Бригады**

SELECT br\_name, em\_surname FROM brigade JOIN employees ON br\_head = em\_id

**8) Участки**

SELECT ds\_name, br\_name, em\_surname FROM district JOIN brigade ON ds\_brigade = br\_id JOIN employees ON em\_id = ds\_head

**9) Цеха**

SELECT wr\_name, ds\_name, em\_surname FROM workshop JOIN employees ON em\_id = wr\_head JOIN district ON ds\_id = wr\_district

Добавление:

**1) Добавить сотрудника**

INSERT INTO employees (em\_id, em\_name, em\_surname, em\_patronymic, em\_phone, em\_adress)

VALUES

(NULL, 1, 2, 3, 4, 5);

==================================

SELECT MAX(em\_id) FROM employees

==================================

INSERT INTO empoloyees\_characteristic(ec\_id,ec\_staff\_category, ec\_brigade)

VALUES (NULL, '1','2')

**2) Добавить категорию сотрудника**

INSERT INTO staff\_categories(sc\_id, sc\_name, sc\_description, sc\_special)

VALUES (NULL, '1','2', '0')

**3) Добавить Бригаду**

INSERT INTO brigade(br\_id,br\_head, br\_name )

VALUES (NULL, '1','2')

**4) Добавить участок**

INSERT INTO district(ds\_id, ds\_brigade,ds\_head, ds\_name )

VALUES (NULL, '1','2', '3')

**5) Добавить цех**

INSERT INTO workshop(wr\_id, wr\_district, wr\_head, wr\_name )

VALUES (NULL, '1','2', '3')

**6) Добавить категории продукта**

INSERT INTO product\_categories( pc\_id, pc\_name, pc\_description)

VALUES (NULL, '1','2')

**7) Добавить продукт**

INSERT INTO manufactured\_products(mp\_id,mp\_product\_category, mp\_name, mp\_description )

VALUES (NULL, '1','2', '3')

**8) Добавить произведённый продукт**

INSERT INTO product\_records(pr\_id, pr\_wokshop,pr\_product\_number, pr\_count, pr\_date )

VALUES (NULL, '1','1', '1', CURDATE())

Изменить:

**1) Информацию сотрудника**

UPDATE empoloyees\_characteristic SET ec\_staff\_category = '', ec\_brigade = '' WHERE ec\_id = 1

2) Личные данные сотрудника

3) Бригаду

4) участок

5) Цех

6) Категорию продукта

7) Продукт

8) Запись о продукте