

Описание атрибутов сущностей

| № | Имя сущности или связи | Атрибут | Описание | Тип данных | Ограничения | Допустимость NULL |
|---|------------------------|------------------|----------------------|------------|--------------------------------------|-------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Client | Id Client | Unique identificator | Numerical | Primary (surrogate) key, Foreign key | No |
| | | Id First name | - | Numerical | Foreign key | No |
| | | Id Last name | - | Numerical | Foreign key | No |
| | | Id Patronymic | - | Numerical | Foreign key | Yes |
| | | Phone number | Unique identificator | Text, <=13 | - | No |
| | | Id Address | - | Numerical | Foreign key | Yes |
| | | Id order number | - | Numerical | Foreign key | No |
| 2 | Address | Id Address | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Id City | - | Numerical | - | No |
| | | Id Street | - | Numerical | - | No |
| | | House number | - | Numerical | - | No |
| | | Apartment nubmer | - | Numerical | - | Yes |
| | | Id Customer | - | Numerical | Foreign key | No |
| 3 | City | Id City | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | City name | - | Text, <=40 | - | No |
| | | Id Address | - | Numerical | Foreign key | No |
| 4 | Street | Id Street | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Street name | - | Text, <=40 | - | No |
| | | Id Address | - | Numerical | Foreign key | No |
| 5 | First name | Id First name | Unique identificator | Numerical | Primary (surrogate) | No |

| | | | | | | |
|---|------------|-------------------------------|-------------------------|-------------|---|-----|
| | | | | | key | |
| | | First name | - | Text, <=40 | - | No |
| | | Id Client | - | Numerical | Foreign key | No |
| | | Id Executor | - | Numerical | Foreign key | No |
| 6 | Last name | Id Last name | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Last name | - | Text, <=40 | - | No |
| | | Id Client | - | Numerical | Foreign key | No |
| | | Id Executor | - | Numerical | Foreign key | No |
| 7 | Patronymic | Id Patronymic | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Patronymic | - | Text, <=40 | - | No |
| | | Id Client | - | Numerical | Foreign key | No |
| | | Id Executor | - | Numerical | Foreign key | No |
| 8 | Device | Id Device | Unique identificator | Numerical | Primary (surrogate) key, Foreign key | No |
| | | Id Brand | - | Numerical | Foreign key | Yes |
| | | Id Model | - | Numerical | Foreign key | Yes |
| | | IMEI or SN Device | Unique identificator | Text, <=40 | Primary (natural) key | Yes |
| | | Id Device condition | - | Numerical | Foreign key | No |
| | | Password of Device | Password | Text, <=255 | - | Yes |
| | | Id Client | - | Numerical | Foreign key | No |
| | | Id Order | - | Numerical | Foreign key | No |
| 9 | Order | Id Order | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Id Status | - | Numerical | Foreign key | No |
| | | Order Start date | - | Date | - | No |
| | | Order End date | - | Date | - | No |
| | | Date of issue of the order | - | Date | - | Yes |
| | | Estimated cost | - | Numerical | - | Yes |

| | | | | | | |
|----|------------------|---------------------|----------------------|------------|-------------------------|-----|
| | | Id Spare parts | - | Numerical | Foreign key | Yes |
| | | Cost work | | | | |
| | | Total cost | - | Numerical | - | No |
| | | Id Executor | - | Numerical | Foreign key | No |
| | | Id Client | - | Numerical | Foreign key | No |
| | | Id Device | - | Numerical | Foreign key | No |
| 10 | Executor | Id Executor | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Id First name | - | Numerical | Foreign key | No |
| | | Id Last name | - | Numerical | Foreign key | No |
| | | Id Patronymic | - | Numerical | Foreign key | Yes |
| | | Id Order | - | Numerical | Foreign key | No |
| 11 | Device condition | Id device condition | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Id Appearance | - | Numerical | Foreign key | Yes |
| | | Id Complectation | - | Numerical | Foreign key | Yes |
| | | Id Defect | - | Numerical | Foreign key | No |
| | | Id Device | - | Numerical | Foreign key | No |
| 12 | Appearance | Id Appearance | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Appearance | - | Text, <=40 | - | No |
| | | Id device condition | - | Numerical | Foreign key | No |
| 13 | Complectation | Id Complectation | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Complectation | - | Text, <=40 | - | No |
| | | Id device condition | - | Numerical | Foreign key | No |
| 14 | Defect | Id Defect | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Defect | - | Text, <=40 | - | No |

| | | | | | | |
|----|----------------|---------------------|----------------------|------------|-------------------------|----|
| | | Id device condition | - | Numerical | Foreign key | No |
| 15 | Id Spare parts | Id Spare parts | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Spare parts name | - | Text, <=40 | - | No |
| | | Spare parts cost | - | Numerical | - | No |
| | | Id Order | - | Numerical | Foreign key | No |
| 16 | Brand | Id Brand | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Brand name | - | Text, <=40 | - | No |
| | | Id device | - | Numerical | Foreign key | No |
| 17 | Model | Id Model | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Model name | - | Text, <=40 | - | No |
| | | Id device | - | Numerical | Foreign key | No |
| 18 | Status | Id Status | Unique identificator | Numerical | Primary (surrogate) key | No |
| | | Status name | - | Text, <=40 | - | No |
| | | Id order | - | Numerical | Foreign key | No |