

1. Data Dictionary

| Entity Name | Entity Descripti on | Column Name | Column Descripti on | Data Type | Length | Primary Key | Nullable | Unique |
|-------------|------------------------|--------------------------------|---------------------------|-----------|--------|----------------|----------|--------|
| crew | | create d_at | | datetime | 0 | false | false | false |
| | | end_ti | | datetime | 0 | false | false | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | start_ time | | datetime | 0 | false | false | false |
| | | work_ area_id | | int | 0 | false | false | false |
| crew_resour | | rewid | | int | 0 | true | false | false |
| ces | | resour cesid | | int | 0 | true | false | false |
| crew_techni | | rewid | | int | 0 | true | false | false |
| cian | | techni cianid | | int | 0 | true | false | false |
| j ob | | create d_at | | datetime | 0 | false | false | false |
| | | estima ted_time_ minutes | | int | 0 | false | false | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | ijob_ty pe_id | | int | 0 | false | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | status _id | | int | 0 | false | false | false |
| | | mwork_ order_id | | int | 0 | false | false | false |
| job_crew | | create d_at | | datetime | 0 | false | false | false |
| | | rewid | | int | 0 | true | false | false |

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|----------------------------|------------------------|----------------------|---------------------------|-----------|--------|-------------------|----------|---------|
| | | create d_at | | datetime | 0 | false | false | false |
| | | end_ti | | datetime | 0 | false | true | false |
| | | 🍞 jobid | | int | 0 | true | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | start_ time | | datetime | 0 | false false false | false | |
| | | status _id | | int | 0 | false | false | false |
| job_types | | create d_at | | datetime | 0 | false | false | false |
| | | descri ption | | varchar | 255 | false | true | false |
| | | 💡 id | | int | 0 | true | false | e false |
| | | modifi ed_at | | timestamp | 0 | false | true | false |
| | | name | | varchar | 100 | false | false | false |
| job_types_re source_type | | iob_ty pes_id | | int | 0 | true | false | false |
| | | quantity | , | int | 0 | false | true | false |
| | | resour ce_type_id | | int | 0 | true | false | false |
| job_types_te chnician_type | | iob_ty pes_id | | int | 0 | true | false | false |
| | | quantity | , | int | 0 | false | true | false |
| | | techni cian_type_ id | | int | 0 | true | false | false |
| notes | | create d_at | | datetime | 0 | false | false | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | note | | varchar | 255 | false | false | false |
| | | work_ order_id | | int | 0 | false | false | false |
| | | | | | | | | |

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|-------------------------|------------------------|-------------------|---------------------------|-----------|--------|----------------|----------|--------|
| resource_typ | | create d_at | | datetime | 0 | false | false | false |
| | | descri ption | | varchar | 255 | false | true | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | name | | varchar | 50 | false | false | false |
| resource_typ e_skill | | resour ce_typeid | | int | 0 | true | false | false |
| | | \gamma skillid | | int | 0 | true | false | false |
| resources | | create d_at | | datetime | 0 | false | false | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | resour ce_type | | int | 0 | false | false | false |
| | | mwork_ area_id | | int | 0 | false | false | false |
| skill | | descri ption | | varchar | 255 | false | true | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | name | | varchar | 50 | false | false | false |
| status | | create d_at | | datetime | 0 | false | false | false |
| | | descri ption | | varchar | 255 | false | true | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | name | | varchar | 25 | false | false | false |
| technician technician | | addres s | | varchar | 255 | false | true | false |
| | | city | | varchar | 100 | false | true | false |
| | | | | | | | | |

| addres varchar 255 false s datetime 0 false | true | false |
|--|---------------------|-------|
| : create | | false |
| d_at | | |
| first_ varchar 60 false name | true | false |
| 💡 id int 0 true | false | false |
| last_ varchar 60 false name | true | false |
| licens varchar 255 false e_number | true | false |
| modifi datetime 0 false ed_at | true | false |
| postal varchar 8 false _code | true | false |
| provin varchar 60 false ce | true | false |
| techni int 0 false cian_type | 0 false false false | false |
| nt 0 false area_id | false | false |
| technician_ski create datetime 0 false d_at | false | false |
| expire datetime 0 false s_at | true | false |
| modifi datetime 0 false ed_at | true | false |
| skill_rat int 0 false ing | true | false |
| 🍞 skills_id int 0 true | false | false |
| techni int 0 true cian_id | false | false |
| technician_ technician_ datetime 0 false type d_at | false | false |
| descri varchar 255 false ption | true | false |
| 💡 id int 0 true | false | false |

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|-------------|------------------------|--------------------------------|---------------------------|-----------|--------|----------------|----------|--------|
| | | create d_at | | datetime | 0 | false | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | name | | varchar | 100 | false | false | false |
| technician_ | | \gamma skillid | | int | 0 | true | false | false |
| type_skill | | techni cian_typeid | | int | 0 | true | false | false |
| work_area | | country | | varchar | 50 | false | false | false |
| | | create d_at | | datetime | 0 | false | false | false |
| | | descri ption | | varchar | 255 | false | true | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | provin ce | | varchar | 75 | false | false | false |
| | | region | | varchar | 75 | false | false | false |
| work_order | | addres s | | varchar | 255 | false | true | false |
| | | create d_at | | datetime | 0 | false | false | false |
| | | estima ted_time_ minutes | | int | 0 | false | false | false |
| | | 💡 id | | int | 0 | true | false | false |
| | | maximu m_start_time | | datetime | 0 | false | false | false |
| | | minimu m_start_time | | datetime | 0 | false | false | false |
| | | modifi ed_at | | datetime | 0 | false | true | false |
| | | postal _code | | varchar | 8 | false | true | false |

| Entity N | ame | Entity Descripti on | Column Name | Column Descripti on | Data Type | Length | Primary Key | Nullable | Unique |
|----------|-----|------------------------|-------------------|---------------------------|-----------|--------|----------------|----------|--------|
| | | | addres s | | varchar | 255 | false | true | false |
| | | | priority | | int | 0 | false | false | false |
| | | | status _id | | int | 0 | false | false | false |
| | | | nwork_ area_id | | int | 0 | false | false | false |