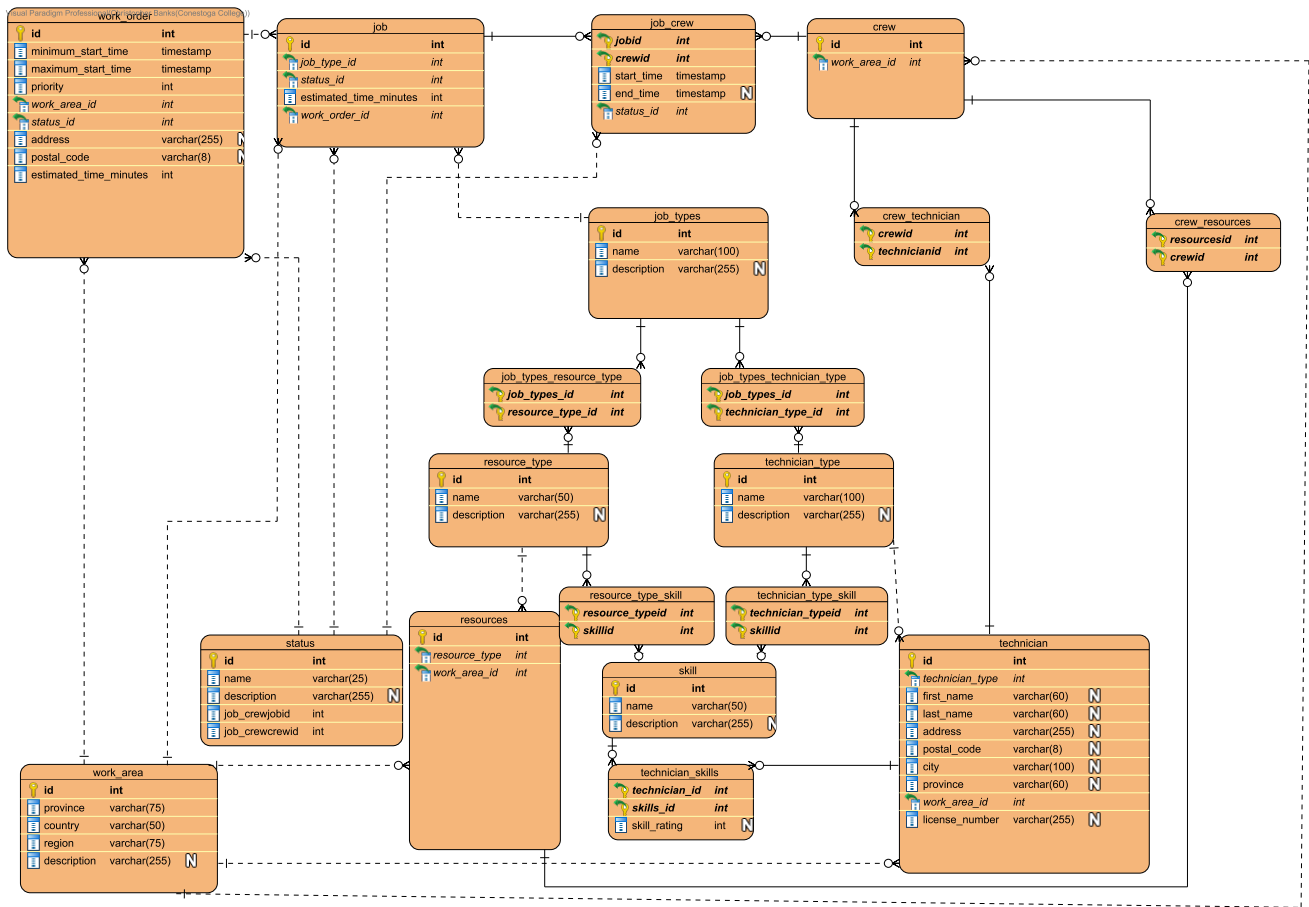


# Iteration 1 Document

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## 1. Iteration 1















This diagram is modeling the version one database





## 2. Data Dictionary

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
crew		id		int	0	true	false	false
		work_area_id		int	0	false	false	false
crew_resources		crewid		int	0	true	false	false
		resourcesid		int	0	true	false	false
crew_technician		crewid		int	0	true	false	false
		technicianid		int	0	true	false	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
 job		 estimated_time_minutes		int	0	false	false	false
		 id		int	0	true	false	false
		 job_type_id		int	0	false	false	false
		 status_id		int	0	false	false	false
		 work_order_id		int	0	false	false	false
 job_crew		 crewid		int	0	true	false	false
		 end_time		timestamp	0	false	true	false
		 jobid		int	0	true	false	false
		 start_time		timestamp	0	false	false	false
		 status_id		int	0	false	false	false
 job_types		 description		varchar	255	false	true	false
		 id		int	0	true	false	false
		 name		varchar	100	false	false	false
 job_types_resource_type		 job_types_id		int	0	true	false	false
		 resource_type_id		int	0	true	false	false
 job_types_technician_type		 job_types_id		int	0	true	false	false
		 technician_type_id		int	0	true	false	false
 resource_type		 description		varchar	255	false	true	false
		 id		int	0	true	false	false
		 name		varchar	50	false	false	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
📁 resource_type_skill		🔑 resource_typeid		int	0	true	false	false
		🔑 skillid		int	0	true	false	false
📁 resources		🔑 id		int	0	true	false	false
		🏠 resource_type		int	0	false	false	false
		🏠 work_area_id		int	0	false	false	false
📁 skill		📖 description		varchar	255	false	true	false
		🔑 id		int	0	true	false	false
		📖 name		varchar	50	false	false	false
📁 status		📖 description		varchar	255	false	true	false
		🔑 id		int	0	true	false	false
		📖 job_crewcrewid		int	0	false	false	false
		📖 job_crewjobid		int	0	false	false	false
		📖 name		varchar	25	false	false	false
📁 technician		📖 address		varchar	255	false	true	false
		📖 city		varchar	100	false	true	false
		📖 first_name		varchar	60	false	true	false
		🔑 id		int	0	true	false	false
		📖 last_name		varchar	60	false	true	false
		📖 license_number		varchar	255	false	true	false
		📖 postal_code		varchar	8	false	true	false
		📖 province		varchar	60	false	true	false
		🏠 technician_type		int	0	false	false	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
		 addresses		varchar	255	false	true	false
		 work_area_id		int	0	false	false	false
 technician_skills		 skill_rating		int	0	false	true	false
		 skills_id		int	0	true	false	false
		 technician_id		int	0	true	false	false
 technician_type		 description		varchar	255	false	true	false
		 id		int	0	true	false	false
		 name		varchar	100	false	false	false
 technician_type_skill		 skillid		int	0	true	false	false
		 technician_typeid		int	0	true	false	false
 work_area		 country		varchar	50	false	false	false
		 description		varchar	255	false	true	false
		 id		int	0	true	false	false
		 province		varchar	75	false	false	false
		 region		varchar	75	false	false	false
 work_order		 addresses		varchar	255	false	true	false
		 estimated_time_minutes		int	0	false	false	false
		 id		int	0	true	false	false
		 maximum_start_time		timestamp	0	false	false	false
		 minimum_start_time		timestamp	0	false	false	false
		 postal_code		varchar	8	false	true	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
		 address		varchar	255	false	true	false
		 priority		int	0	false	false	false
		 status_id		int	0	false	false	false
		 work_area_id		int	0	false	false	false