1. Data Dictionary

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
crew		created_at		datetime	0	false	false	false
		end_time		datetime	0	false	false	false
		id		int	0	true	false	false
		modified_at		datetime	0	false	true	false
		start_time		datetime	0	false	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
job		created_at		datetime	0	false	false	false
		estimated_time_minutes		int	0	false	false	false
		id		int	0	true	false	false
		job_type_id		int	0	false	false	false
		modified_at		datetime	0	false	true	false
		status_id		int	0	false	false	false
		work_order_id		int	0	false	false	false
job_crew		created_at		datetime	0	false	false	false
		crewid		int	0	true	false	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
		created_at		datetime	0	false	false	false
		end_time		datetime	0	false	true	false
		jobid		int	0	true	false	false
		modified_at		datetime	0	false	true	false
		start_time		datetime	0	false	false	false
		status_id		int	0	false	false	false
job_types		created_at		datetime	0	false	false	false
		description		varchar	255	false	true	false
		id		int	0	true	false	false
		modified_at		timestamp	0	false	true	false
		name		varchar	100	false	false	false
job_types_resource_type		job_types_id		int	0	true	false	false
		quantity		int	0	false	true	false
		resource_type_id		int	0	true	false	false
job_types_technician_type		job_types_id		int	0	true	false	false
		quantity		int	0	false	true	false
		technician_type_id		int	0	true	false	false
notes		created_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

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
resource_type		created_at		datetime	0	false	false	false
		description		varchar	255	false	true	false
		id		int	0	true	false	false
		modified_at		datetime	0	false	true	false
		name		varchar	50	false	false	false
resource_type_skill		resource_typeid		int	0	true	false	false
		skillid		int	0	true	false	false
resources		created_at		datetime	0	false	false	false
		id		int	0	true	false	false
		modified_at		datetime	0	false	true	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		created_at		datetime	0	false	false	false
		description		varchar	255	false	true	false
		id		int	0	true	false	false
		modified_at		datetime	0	false	true	false
		name		varchar	25	false	false	false
technician		address		varchar	255	false	true	false
		city		varchar	100	false	true	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
		address		varchar	255	false	true	false
		created_at		datetime	0	false	false	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
		modified_at		datetime	0	false	true	false
		postal_code		varchar	8	false	true	false
		province		varchar	60	false	true	false
		technician_type		int	0	false	false	false
		work_area_id		int	0	false	false	false
technician_skills		created_at		datetime	0	false	false	false
		expires_at		datetime	0	false	true	false
		modified_at		datetime	0	false	true	false
		skill_rating		int	0	false	true	false
		skills_id		int	0	true	false	false
		technician_id		int	0	true	false	false
technician_type		created_at		datetime	0	false	false	false
		description		varchar	255	false	true	false
		id		int	0	true	false	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
		created_at		datetime	0	false	false	false
		modified_at		datetime	0	false	true	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
		created_at		datetime	0	false	false	false
		description		varchar	255	false	true	false
		id		int	0	true	false	false
		modified_at		datetime	0	false	true	false
		province		varchar	75	false	false	false
		region		varchar	75	false	false	false
work_order		address		varchar	255	false	true	false
		created_at		datetime	0	false	false	false
		estimated_time_minutes		int	0	false	false	false
		id		int	0	true	false	false
		maximum_start_time		datetime	0	false	false	false
		minimum_start_time		datetime	0	false	false	false
		modified_at		datetime	0	false	true	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