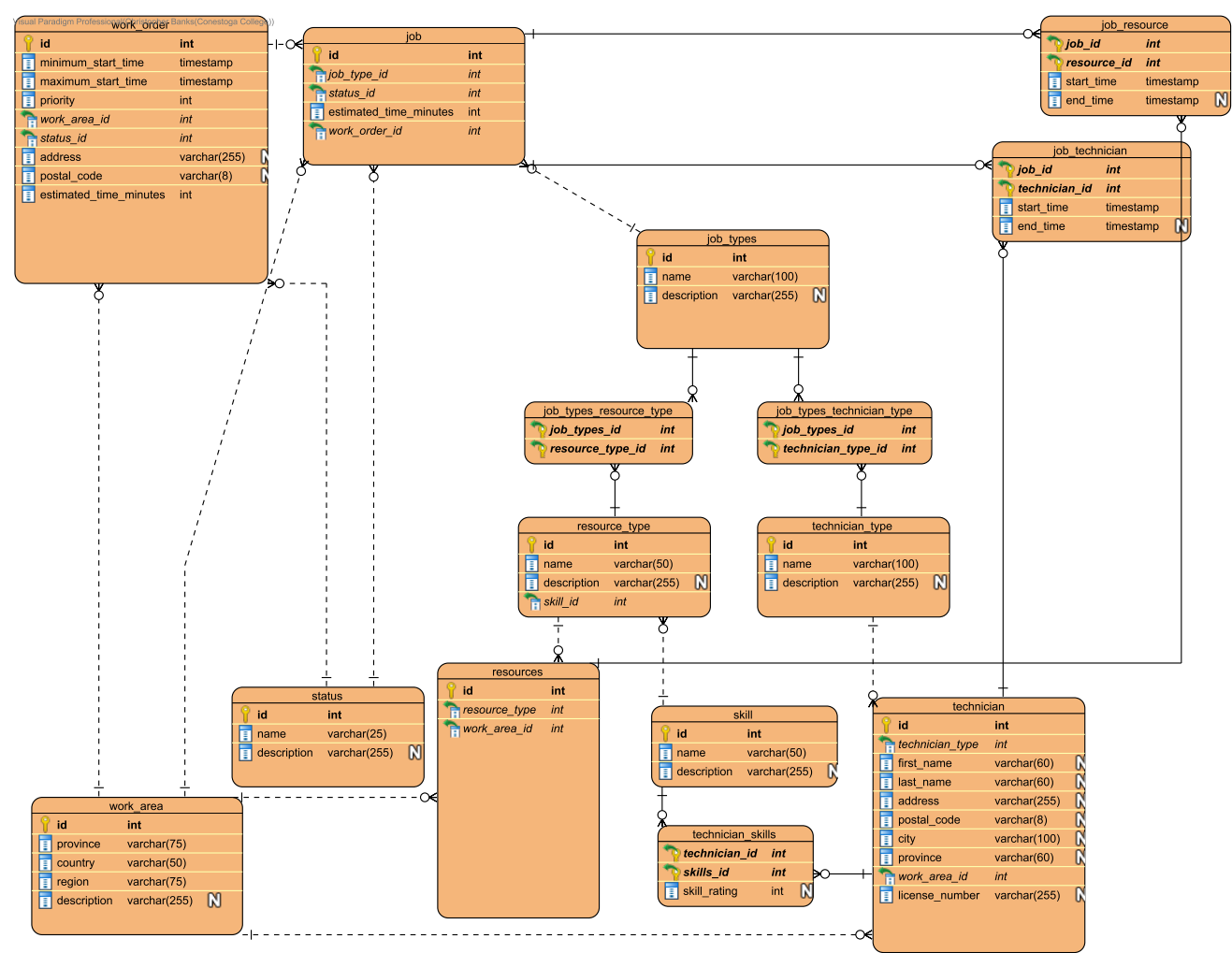# Iteration 1 Document

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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
📁 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_resource						
end_time		timestamp	0	false	true	false
job_id		int	0	true	false	false

Entity Name	Entity Description					
resource_id		int	0	true	false	false
start_time		timestamp	0	false	false	false
📁 job_technician						
end_time		timestamp	0	false	true	false
job_id		int	0	true	false	false
start_time		timestamp	0	false	false	false
technician_id		int	0	true	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
skill_id		int	0	false	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
name		varchar	25	false	false	false

Entity Name	Entity Description					
📙 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
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
📙 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						
address		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
priority		int	0	false	false	false
status_id		int	0	false	false	false
work_area_id		int	0	false	false	false