Table and Attributes Summary
Based on logical schema v2.1

Description:

Table of Attributes and Summary is designed to keep data types clear and concise. This document will keep the persistent data layer of backend development clean and ready for connection without disturbance to the physical schema

Customer:

Table which defines the entity customer. Responsible for tracking customers.

Key	Attributes	Data type	Required	version	comments
Primary	CID	SERIAL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.
N/A	cname	VARCHAR(100)	NOT NULL	Character varying	Variable length character string
N/A	cphone	VARCHAR(12)	NOT NULL	Character varying	Variable length character string
N/A	cemail	TEXT	NOT NULL		Variable length character string

Employee:

Table which defines the entity employee. Responsible for allocating employees to trucks.

Key	Attributes	Data Type	Required	Version	Comments
Primary	EID	SERIAL	NOT NULL	Character varying	Variable length character string
N/A	name	VARCHAR(12)	NOT NULL	Character varying	Variable length character string
Foreign	cname	VARCHAR(12)	NOT NULL	Character	Variable length

Key	Attributes	Data Type	Required	Version	Comments
				varying	character string
Foreign	cphone	VARCHAR(12)	NOT NULL	Character varying	Variable length character string
Foreign	cemail	TEXT	NOT NULL		Variable length character string
N/A	specialty	VARCHAR(100)	NOT NULL	Character varying	Variable length character string
N/A	email	TEXT	NOT NULL		Variable length character string
Foreign	CID	SERIAL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.

Truck:

Table which defines the entity Truck. Responsible for tracking truck operations and energy.

Key	Attributes	Data Type	Required	Version	Comments
Primary	TID	SERIAL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.
N/A	Generator	Boolean	NOT NULL	True or False	Standard Boolean
N/A	Visor	Boolean	NOT NULL	True or False	Standard Boolean
N/A	Deck	Boolean	NOT NULL	True or False	Standard Boolean
N/A	Stove	Boolean	NOT NULL	True or False	Standard Boolean

N/A	Vent	Boolean	NOT NULL	True or False	Standard Boolean
N/A	prepcenter	Boolean	NOT NULL	True or False	Standard Boolean
Foreign	EID	SERIAL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.
Foreign	ename	VARCHAR(100)	NOT NULL	Character Varying	Variable length character string
Foreign	ephone	VARCHAR(12)	NOT NULL	Character Varying	Variable length character string
Foreign	specialty	VARCHAR(100)	NOT NULL	Character Varying	Variable length character string
Foreign	eemail	TEXT	NOT NULL		Variable length character string
Foreign	TerID	SERAIL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.
Foreign	Street	VARCHAR(100)	NOT NULL	Character varying	Variable length character string
Foreign	City	VARCHAR(100)	NOT NULL	Character Varying	Variable length character string
Foreign	State	VARCHAR(2)	NOT NULL	Character Varying	Variable length character string
Foreign	Zipcode	VARCHAR(9)	NOT NULL	Character Varying	Variable length character string

Territory:

Table represents Territories where trucks do business in. Responsible for organizing territory.

Key	Attribute	Data Type	Required	Version	Comments
Primary	TerrID	SERIAL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.
N/A	Street	VARCHAR(100)	NOT NULL	Character varying	Variable length character string
N/A	City	VARCHAR(100)	NOT NULL	Character varying	Variable length character string
N/A	State	Varchar(2)	NOT NULL	Character varying	Variable length character string
N/A	zipcode	Varchar(9)	NOT NULL	Character varying	Variable length character string

Vendor:

Table represents the vendor entity. Responsible for tracking vendors and various attributes pertaining to vendors.

Key	Attribute	Data Type	Required	Version	Comments
Primary	VID	SERAIL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.
N/A	name	VARCHAR(10	NOT NULL	Character	Variable length

		0)		varying	character string
N/A	Phone	VARCHAR(12)	NOT NULL	Character Varying	Variable length character string
N/A	email	TEXT	NOT NULL		Variable length character string
N/A	type	VARCHAR(10 0)	NOT NULL	Character Varying	Variable length character string
N/A	weight	Numeric	NOT NULL	(precision , scale)	Set both precision and scale
N/A	quantity	Numeric	NOT NULL	(Precision, scale)	Set both precision and scale
N/A	date	DATE	NOT NULL	4 bytes	Expiration date
Foreign	ID	SERIAL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.
N/A	review	VARCHAR(10 0)	NOT NULL	Character Varying	Variable length character string
Foreign	grade	VARCHAR(1)	NOT NULL	Character varying	Variable length character string
foreign	cdate	DATE	NOT NULL	4 bytes	Certificate date
Foreign	cprice	Numeric	NOT NULL	(Precision, scale)	Set both Precision and scale

Certificate:

Table represents the relationship certificate. Responsible for maintaining order between vendors and employees.

Key	Attributes	Data Type	Required	Version	Comments
Primary	ID	SERIAL	NOT NULL	Default	For insert statements using Default or exclude the column to invoke serial data type.
Foreign	review	VARCHAR(100)	NOT NULL	Character varying	Variable length character string
Foreign	grade	VARCHAR(1)	NOT NULL	Character Varying	Variable length character string
Foreign	date	DATE	NOT NULL	4 bytes	Expiration date
Foreign	price	Numeric	NOT NULL	(precision,scale)	Set both precision and scale