

## ERD Documentation

### Accounts

**Primary Key:** Email Address

**Columns:**

- FirstName
- LastName
- Password
- EmailList : This value indicates if the account is signed up to receive promotional emails.
- PhoneNumber

### Admins

**Primary Key:** Email Address

**Columns:**

- FirstName
- LastName
- Password

### PaymentDetails

**Primary Key:** PaymentId

**Columns:**

- CardNum
- CardMonth : Credit card expiration month.
- CardYear : Credit card expiration year.
- SecurityCode
- BillingAddress
- BillingAddress2 : Optional second address line, if needed.
- BillingFirstName
- BillingLastName
- BillingCountry
- BillingCity
- BillingState
- BillingZIP
- BillingPhone
- EmailAddress(FK to Accounts): The Email Address of the account associated with the Payment info

### ShippingDetails

**Primary Key:** ShippingId

**Columns:**

- ShippingAddress
- ShippingAddress2
- ShippingFirstName
- ShippingLastName
- ShippingCountry
- ShippingCity
- ShippingState
- ShippingZIP
- ShippingPhone
- EmailAddress(FK to Accounts): The Email Address of the account associated with the shipping info

## **Orders**

**Primary Key:** OrderId

**Columns:**

- EmailAddress : If the user is signed into an account, it will use their account email address. If the user is using guest checkout, it will ask for an email address to fill this field.
- OrderStatus : Will tell if the order is being processed, confirmed, in transit, or delivered.
- ShippingId (FK) : Orders have 1 and only 1 set of shipping information. If the customer is using an account and the account has shipping details linked, those shipping details will be used.
- PaymentId (FK) : Orders have 1 and only 1 set of payment information. If the customer is using an account and the account has payment details linked, those payment details will be used.

## **Parts**

**Primary Key:** PartId

**Columns:**

- QuantityOnHand: How many of this part is currently in stock.
- PriceUSD
- PartDescription
- Brand : What brand the product belongs to.
- Category : What area of the truck does this part correspond to.
- Picture : Picture of the part.
- ItemName

## **Trucks**

**Primary Key:** TruckId

**Columns:**

- Brand
- Picture
- TruckName
- DriveType : Four wheel drive, rear wheel drive, etc.
- KMperHour
- FuelType
- TruckDescription
- Color
- EmailAddress (FK to Accounts) : A truck has 1 and only 1 contact associated with the listing.

**Trailers**

**Primary Key:** TrailerId

**Columns:**

- Brand
- Length
- Width
- TrailerName
- Picture
- Color
- TrailerDescription
- EmailAddress (FK to Accounts) : A trailer has 1 and only 1 contact associated with the listing.

**OrderedParts**

**Primary Key:** OrderId and PartId (both are foreign key to their respective tables)

**Columns:**

- OrderedQuantity
- OrderId (FK to Orders) : The order that given amount of parts is associated with
- PartId (FK to Parts) : The part being ordered.