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CSCI 467

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**ERD1 Diagram Relationship Key**

**Employee**:

Employee ID

First name

Last name

Address

Phone

Hours Worked

Pay Rate

**Interacts With**:

Customer Phone:

This field contains a customer phone number look-up file for the company to find a customer’s account when they need to rent a tool to the customer.

**Orders Supplies**:

Transaction ID:

Renter ID + Tool ID

This field holds the ID number which is for when a customer requests a tool that the store does not have and the store needs to order for them.

Renter ID

Tool ID

**Customer**:

Renter ID

First name

Last name

Address

Phone

Payment Method – Null able

Currently Renting:

This field holds the Tool ID if the customer is currently renting a tool or it holds a Transaction ID if an order was placed through the employee.

**Rents**:

Rental Date

Tool ID

Renter ID

**Tool**:

Tool ID

Current Renters:

This field is holds the renter ids’ of all the customers who are currently renting a tool.

Rental Period:

This field holds the period for which the tool is being rented. This period can be (like a day, 1⁄2 day, 2 hours)

Rental Fee:

This fee is dependent on the rental period being contracted for with the customer.

Number being Rented

Vendor ID:

This field holds the ID which is associated with the vendor which sold the tool to Tools for You.

Original Cost

Number Owned

**Vendor**:

Vendor ID

Sales Rep:

The vendor point of contact.

Address

Phone