**Tiny Tools Rental Application Description**

# *Introduction*

The Tiny Tools Rental Service is your one-stop shop for all your tool-related needs. Our database will allow you to create/update customer profiles, manage orders, and organize your tool inventory. Employees will need to familiarize themselves with the forms and reports used to navigate our database.

The Tiny Tools Rental Application consists of a front end created in Microsoft Access and a backend database created in SQL Server Management Studio (SSMS) / Microsoft SQL Server. The front end contains forms, reports, and queries that link to the SSMS database. Any data modified through the front end will be updated in the database. All data entry should be performed through the forms. Manipulation of the backend database will be maintained and handled by our team as needed.

Forms that employees will use include frmCustomerProfile, frmOrder, frmReturnTool, and frmToolInventory. Forms prefixed with sfrm are not to be used by the employees as they are included as subforms in the main forms.

# *Relationship Between Entities As Specified*

* Customers are **related-to** orders
* Each order **contains** an order-line and each order-line **contains** atool
* Each tool **is-a** ‘type’ of tool (for example, wrench, screwdriver, hammer, chainsaw, powerdrill, etc.)
* Each tool has a recorded previous model (**hierarchical**).

A screenshot of a computer

AI-generated content may be incorrect.

# *Business Rules As Specified By Tiny Tools Co.*

* One customer may have zero or many orders
* One order may belong to only one customer
* One order may contain many order lines
* One tool may belong to many order lines
* Each tool is part of a tool type
* Tool types may contain one or many individual tools
* Cost of an order is calculated as follows:
  + The order total will be the sum of all ordered tools
    - Each tool will have a rental price
    - The rental price will be charged per unit
  + The flat fee is calculated by multiplying the amount of days the tools will be rented by $10.00
  + Tax is set to 13%
* An order can only have an order status of ongoing or complete