**Workshop Tools Database System**

**User Instructions**

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This program allows the user to maintain a database pertaining to the inventory of workshop tools in use within the workshop. It keeps track of how many times each tool has been used and when the tool was last used. This allows for the owner to understand wear and tear of each tool and allow for the owner to make decisions on buying and selling tools.

Records in the system track every tool in the workshop. Each record contains the following data: name, price, number of uses, date of last use (yy/mm/dd), tool type (hand tool or power tool), and list of recommended safety equipment for proper use. For example:

Name: Miter Saw

Price: $ 150.00

Number of Uses: 53

Date of last use: 17/04/25

Type: Power Tool

The user is responsible for updating the database after every tool use and entering newly acquired tools to the database. This new inventory is added to the database.

The program user is presented with the following options:

File

Load

Save

Quit – asks if user wants to save

Inventory

Add a new tool

Delete a tool

Change the price of a tool

Update number of uses on a tool

Search for a tool

Calculate total price of all tools

View

Sort list by number of uses

Sort list by most recent use

Display all tools

Show only tools over a certain number of uses

Show only tools that are hand/power tools

Help

Displays information to aid the user

The following is a sample of the output generated by the Display All Tools menu option:

Workshop tools Database

Name #Uses Most Recent Use Type Price

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Miter Saw 53 17/01/10 Power $150.00

Screwdriver 79 17/05/01 Hand $ 3.00

Band Saw 20 16/10/26 Power $100.00

Drill 500 17/05/08 Power $ 80.00

Chisel 14 16/04/23 Hand $ 20.00