**User Documentation**

# Gear Inventory Management Program

**gimMenu.exe**

**Programmer:** Justin Becker

**Description**

When this program starts, you will be greeted by a short song and a Main Menu which will allow you to select from five different options:

* Option 1 will allow you to create an inventory file from scratch. **Using this option will overwrite any previously entered data.**
* Option 2 will allow you to add records to the inventory file created with Option 1.
* Option 3 will restore the inventory file to the default set of records that shipped with the program.
* Option 4 will generate a timestamped report which lists all inventory records. It will also calculate the number of years an inventory item has been owned, how many records are in the inventory, the total cost of all inventory items, and the average cost per item.
* Option 5 will close the program.

Input will be accepted from the keyboard and the output will be displayed on the screen. The gear inventory file created by the program is named Becker.txt, and it will be created in the same folder as gimMenu.exe. The backup file is named BACKUPBecker.txt, and it is located in the same folder as Becker.txt.

**Execution Method**

This program may be executed from the command line or executed as part of a batch file.

**Sample Output**

When executed, the various program screens will look like the following images:

Main Menu:

Graphical user interface

Description automatically generated

Create Inventory File:

Graphical user interface, text

Description automatically generated

Append Inventory File:

Graphical user interface, text

Description automatically generated

Restore Inventory File:

A screenshot of a computer

Description automatically generated with medium confidence

Generate Inventory Report:

Graphical user interface

Description automatically generated