Microservice Implementation

Graphical user interface

Description automatically generated



1 - Click “Search” to search by name

* The program sends a request to the microservice by writing into a text file the name of the search item
* Once the microservice sees the text file is not empty, it will read the line to retrieve the item name
* Microservice searches the home\_inventory.csv to find all matching items with the same name
* Microservice store those items in a CSV file
* The program will read the items from the CSV as display the result in a new window

2 - Click “Advanced Search” to search by dimensions

* The program sends a request to the microservice by writing into a text file the width, depth, height of the search item (1st line width, 2nd line depth, 3rd line height)
* Once the microservice sees the text file is not empty, it will read the lines to retrieve the item dimensions
* Microservice searches the home\_inventory.csv to find all matching items with width, depth, and height less than the provided dimensions
* Microservice store those items in a CSV file
* The program will read the items from the CSV as display the result in a new window