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**CS – 521**

**Final Project Summary**

**Auto Sales Inventory/ Sales Tracker**

**Introduction:**

For my final project, I decided to build a simple inventory management & sales tracking program. This program helps the auto sales business owner with adding, updating & keeping track of all of the cars they have in stock, while also keeping track of all of the cars they have sold. With this data they are then able to track sale performance by comparing all of the initial listing prices of the cars they had in stock to each cars respective sell price at point of sale.

I noticed that sometimes businesses list their products with an initial price but ultimately do not sell the product for the listing’s initial price. This can happen for many reasons; such as the particular product has lost its market value over time or even such as an auction where there are no limitations for sale price possibilities. For this reason, I decided to build a database that allows a user to keep track of their sale trends.

**About My Program**:

The program starts out by reading a .txt file of the current cars the user has “in stock” for sale. This is helpful in that it already loads the database with cars that are essentially already in stock. When the user enters a new car to the database, he/she will input the car’s details such as year, make and the initial price for sale. In the program, the user also has the ability to update a car’s details Then, when the business has made a sale from a car in stock, they have the ability to log a car out of the in stock inventory and log it as sold while also attaching a “sell price” to the vehicle. This program is useful in that it allows the user to add, remove, edit and manage the cars they have in their inventory while also keeping track of the sale trends.