Ulric Aird & Kieran Francis

Data Structures and Algorithms

Project Part B

For this part of the project, we created the Expensive Item Tracker website. We both created the website utilizing different data structures, where my partner, Kieran, used **Arrays** and **Hash-maps**. I, Ulric, on the other hand, decided to take a different route, using **Linked List** and **hash-maps**. We both used the bubble sort algorithm for sorting, which has a time complexity of **O(n2).** We also used a **linear search algorithm** to find and remove items from the list.

Creating the application was a little challenging considering the fact we are learning some of the different data structures. However, we ended up completing the task with great results.