Graphical user interface, application, Word

Description automatically generated

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I think separate chaining it's better to use since it prevents crowding the objects insert again places like the linear probing does and the index that the objects are linked to are shared by all the objects so it's easier to figure out where each object is stored rather than looping through an array that stores in the closest empty index. The hash function receives the object, extracts the name, takes the first letter and calculate the index of the linked list through the ASCII table. I chose it because it’s a simple calculation that also orders the names in alphabetical order which is more orderly and structured for easy use.