7.1. What is the purpose of using the two interfaces Comparable and Document? Is there another way of designing the same functionality (a) without using Comparable and (b) without using Document? Briefly explain why or why not under each case?

The use of comparable interface is to implement the method compareTo so that Customer’s name can be compared to each other to sort when adding to SortedSet. Without Comparable interface we have to create another algorithm to correctly sorted Customer and HighEarner.

The use of Document interface is to turn object into document, using toHtmlDoc, since KEngine only search for document. Without Document interface, we have to create another method which can transform object into document so that KEngine can search for it.