Scenario #2: With all the online work going on these days, you've decided to create a webbased document editor (like a simplified Google Docs. Users of your tool will edit documents through a web client, with the actual document contents stored on a server. To keep the project manageable, you'll focus on four operations: adding text, deleting text, undoing edits, and searching for words in the document. The editor should allow documents to have basic styling, such as boldface words/phrases and section headings. In particular, searching for words needs to be fast (because you imagine people writing large documents in your tool once it becomes popular).

Question 1: What data do you need to manage for this problem?

Question 2: What data structure(s) do you propose? Be sure to include details such as the type of elements in lists, the types of keys/values in hashmaps, whether objects are mutable or immutable, etc. Justify your data structure choices Now copy of day every three your makes author? of delete upor at 100.3 (116°) bold the 110° at loc. 1 ps "cols" in loc. O of document Edit class. - fre info necessary so who for Format: dict bonnat -s ranges of loca.

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