**Data Structures and Algorithms II**

**Fall 2023**

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Assignment: Program #1

Grade: 87

Comments:

You are supposed to include a Makefile with the submission, even if it is the same Makefile as mine (and mine does not work with your program, because of your main.cpp file). I had to compile manually -4 points

You are not supposed to spellcheck words with digits; they are valid, but you should not check them, as per the project specification. -4 points

Apart from that, the program works for the tests with my small dictionary.

When I run the tests with my medium or large dictionary, it reports a lot of extra unknown words (typically most of the words, it seems, are reported as unknown).

There is a problem with your rehash function, so most items are not being reinserted correctly. You need to update capacity before calling "insert", since it is used by the hash function. Rather than have a "newCap", update the actual capacity, and store the old capacity in a separate variable for your loop. -5 points

After I fixed that, the program seems to work for all my tests, except for the issue with reporting words with digits. (For one test case, this creates a large "diff" output, so it is possible I am missing another issue, but that is not likely.)

No points off because it isn't required yet, but your "remove" member function should not decrease filled. Lazily deleted items still take up space.

I like your use of the wordType enum.