**DATA STRUCTURES AND ALGORITHM**

**PREE-TESTING SUMMARY**

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**ListWordMap:**

In this class, I used a predefined ArrayList class to design HashMap. In this class, there are no issues because we are using predefined LinkedList class for map implementation. We are not using hashing mechanisms in this class for implementing the hashmap class. Because we don’t have any collisions in this map implementations. While testing class implementation, using the test case we are having any issues.

Many of them are not giving comments for code, it is very important because of comments I can understand what this code is going to do. Pree-Testing became very hard because of no comments in code.

**HashWordMap:**

While developing the class we are having a lot of issues because we are creating the map by using arrays. On that case, we are encountered several issues like hash code generation while retrieving the data from the map we are having some problems exclusively in case of getting bulk data. I am getting WordException. So removePos method is not implemented properly. I checked the method for input it is working properly. But the same method with bulk inputs it gets word exception. The remaining aspects I implement well according to my knowledge. While checking the above class by using a test case it works properly.

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**WordIndex:**

In this class, I used switch case to add all files words to the map or add only one file data to the map. After that I have to find a word on the map, I removed a word from the map I printed the map details. In this class, we are using methods to add file data to map and view data etc. I implement all the methods well.

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The maximum number of people follow Indentation and naming conventions are followed in all files.

Few people didn't implement remove and overview methods