

1. I didn't create a smart hash function so my program only uses the simple hash function.
2.
 - (a) The expected time it should take to look up shouldn't take more than $O(1)$
 - (b) The worst-case time should be about $O(n^2)$.
 - (c) All of the words in a text file should be able to be inserted into the table.
3. The client will only see the possible solutions to the jumbled word. What they will not see are the saved entries in the hash tables (the jumbled words that they input). The hash table can be used for any other applications as it's pretty general.