

No, the hash function is not sufficient. Simply sum the character codes will not take care of the position of characters in the string, and different permutations of the same set of characters will result in the same hash value. For example, usernames “Boo123”, “123Boo”, “1B2o3o” will all have the same hash value with that hash function. Which means that the collision rate using this hash function will be extremely high; and the lookup and insertion time may no longer be close to $\Theta(1)$.