Valid Words implementation class mods:

Valid words can’t be define as a type its likely best to remove its implementation entirely

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For the lines public Boolean and public int size I’d remove the @ override function as that seems a needless piece of source code

When creating the vector type it should be parameterized and I believe that could be met in two to three different ways one being reference to inferring generic type arguments

The v. addinput line needs to be extracted to a local variable or a warning could be supprerssed to lessen the errancy of the code

Valid words interface code mods:

I would simply write @param the word to check against the valid words collection