Programming project

I propose for my project a password generator that creates strong, easy-to-remember passwords through a file listing hundreds of simple English words. This password will be created by retrieving four randomly chosen words from the file and stringing them together, creating a password that will contain approximately 44bits of entropy, thus ensuring its strength.

If the user accepts the chosen password, it will be encrypted and saved to separate file, which can be read later, so that the user can look up their saved passwords.

The input of this program will be a text file of simple words from the dictionary and the user's input

The output of the program will be a text file of encrypted passwords.

This program will use the following classes:

Scanner
Random
FileWriter
PrintWriter
File