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OneFit Software

Password Generator

August 2017

V1.0  
W:\CRMLogma\R39\2017-07 Android POD App\Onefit Dev Guide.docx

# 1. Introduction

This is a document that will show what the Password Generator does and can do, I will be explaining some of the code and highlighting other things that I have done to create the Password Generator.

Some things to note is that the program creates a password that is a combination of a 6-letter word, numbers and a symbol at the end e.g. Xxx123yyy?

# 2. Pre-Requisites

You need the following before commencing with section 3

* Windows laptop or PC
* Visual Studio (Any version is fine)
* The dictionary text file

# 3. Codes and their job

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| ***Code*** | ***Description*** |
|  | This piece of code means that when BtnGenerate is clicked then the following procedures will be done, and in this case, it will create a password. |
|  | Here I have created a Variable called sr (system reference) this references the txt document that I have created called dictionary which located as shown in the image. This means that the words that will be generated will be taken from this document. |
|  | These are all the variables that I have created within the program. I will be telling you what they do as you go along. |
|  | Here I the program will do the following action once the sr file is opened it will   1. Open the file 2. Read the file 3. Give a word 4. Close the file   It will the retrieve up to 3 words that will be used to create three different passwords. |
|  | This is where the txt file is opened again to retrieve the words and are now known as sWord, which is what the ready to be used words are called. |
|  | Here the program is making it so that the first letter within the word is upper case while the rest of the letters within the word are lower case.  Then I am created a random 3 digit number which is between 999 and 100, as this is the min and max 3 digit numbers |
|  | Here I am adding collected a random symbol from the Charslist which can be seen as a string in the variables section.  The program is creating three of each thing which means it is getting 3 different words, creating 3 different 3-digit numbers, and also getting 3 different symbols from the Charslist. |
|  | Here all the information the program that has been gathered is then put together to create password, first comes the first three characters of the word, then the 3-digit number, the last three letters of the word, and finally the symbol is added. |
|  | Finally the password is created and three of them are created, the reason for three was because within my specification I had to create a password generator that would create three unique passwords. |

Appendix 1 -> Specification = Z:\Kasim\Visual Studio Applications\Password Generator\Specification

Appendix 2 -> Flowchart = Z:\Kasim\Visual Studio Applications\Password Generator\ Password Generator Flowchart