Programming Assignment 1  
CSCI-860: Biometrics in a Networked Society  
  
Presented To  
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# Problem Statement

This assignment requires the implementation of the Manhattan verifier to report *false accept (impostor pass)* and *false reject rates* on a publicly available keystroke biometric dataset. Any programming language may be used, as long as the program can be compiled on computers in Harry Schure Hall Room 212. In addition, a demonstration and explanation of our written code will be required.

# My Approach

For this programming assignment, I have used the C#.net programming language, the Visual Studio 2013 Ultimate IDE for Windows 8.1 along with the PasswordData.csv file which I manipulated into 51 separate csv files, and when running the program, I have the code written such that depending upon the user number and the value of N, which represents the sample size: the training and testing vectors are extracted from the original data, the template vectors, genuine scores, impostor scores, and the various rates are calculated appropriately.