Big Oh

AddWineAdmin

n+n = 2n = O(n)

EditWineAdmin

n+n+n = 3n = O(n)

FileToWineries

n2 + n2 = 2n2 = O(n2)

mainWindow - on\_pushButton\_viewCurrentList\_clicked

O(n)

mainWindow - on\_pushButton\_14\_clicked

n + n = 2n = O(n)

mainWindow - on\_pushButton\_viewWines\_clicked

O(n)

mainWindow - on\_pushButton\_viewCurrentLists\_addWinery\_clicked

n + n = 2n = O(n)

mainWindow – AddWinery

n + n + n = 3n = O(n)

mainWindow - on\_pushButton\_11\_clicked

O(n)

mainWindow - on\_addWineryOK\_clicked

n + n = 2n = O(n)

mainWindow - on\_addWineryCancel\_clicked

n + n = 2n = O(n)

mainWindow - on\_pushButton\_viewDistanceList\_clicked

n + n + n2 = n2 + 2n = O(n2)

mainWindow - CreateDistanceVector

n + n + n2 = n2 + 2n = O(n2)

Winery – returnAllWineProduct

n = O(n)

WriteWineriesToFile

n2 + n2 = 2n2 = O(n2)

shortestPath

n3 + n + n2 + n2 + n2 + n2 = n3 + 4n2 + n = O(n3)

shortestTripAlgorithm

n3 = O(n3)

CreateDistanceVectorTrip

n + n2 = O(n2)

wineShoppingCart – fillAlLists

O(n2)

takeATrip - on\_pushButton\_\_clicked

O(n)

takeATrip - on\_pushButton\_next\_clicked

n2 + n = O(n2)

Everything else runs in O(1)