Bug Report

**Occurance Reported:** 1/7/2013

**Operator:** Christina Cooper,

**Problem:**

When clinician is scheduled ‘out’ and the operator schedules them ‘in ‘by using the Rescheduling display form, and then switches to another day and back. A student appears where the clinician was scheduled out.

**Possible Cause:**

1) Student(s) are scheduled onto a particular time and date.

2) Clinician is then scheduled on multiple days automatically with dates and time slots which overlap with student(s).

3) Conflicts between students and clinician are not being detected.

**Fix:**

      Dim conflictflag As Boolean = False

       Dim checkForStudentConflicts As IScheduleConflicts = New StudentConflict()

            Dim newday As Date

            Dim x As Integer =

            newday = dateintervals(x)

            Do While x <= dateintervals.Count - 1

                date1 = dateintervals(x)

Removed the variable conflictflag=.

**conflictflag=**checkForStudentConflicts.ConflictWithAnotherStudent(Clinicianname.Trim, date1.Trim, date1.Trim, t1.Trim, t2.Trim, conflicts)

                x = x + 1

            Loop

            Dim dataTemplate As New ScheduleTemplate

            Dim dt As DataTable

            dt = dataTemplate.Scheduleconflict()

            Dim dr As DataRow

            Dim studentnameConflict As String = String.Empty

‘Check for all student conflicts and display them.

            conflictingstudent = conflicts.Count - 1

**If conflictingstudent > -1 Then**

Added the following line

*if conflictflag =true then*

and removed

*if* *conflictflag=true then*

MsgBox("There are students who need to be rescheduled to a different date and time")

                For i = 0 To conflictingstudent

                    p = CType(conflicts(i), AutoSelectConflicts)

                    studentnameConflict = p.name

                    conflictType = p.ConflictType

                    conflictDate = p.ScheduledDate

                    conflictTimeIn = p.DestinationTimeIn

                    conflictTimeOut = p.DestinationTimeout

                    conflictwithstudent = p.ConflictType

                    dr = dt.NewRow

                    dr("student") = studentnameConflict

                    dr("Date") = conflictDate

                    dr("TimeIn") = conflictTimeIn

                    dr("TimeOut") = conflictTimeOut

                    dt.Rows.Add(dr)

                Next

                DataGridView2.DataSource = dt

                DataGridView2.Columns(1).Visible = False

                DataGridView2.Columns(0).Width = 150

            Else

                Dim clinicianid As String = String.Empty

                Dim duplicate As Boolean = False

                Dim dateout As Date

                clinicianid = clinicianConversion.convertToId(Clinicianname)

                For x = 0 To dateintervals.Count - 1

                    dateout = Convert.ToDateTime(dateintervals(x))

                    duplicate = scheduleClinician.UpdateSchedule(clinicianid.Trim, dateout, t1.Trim, t2.Trim)

                Next

                If duplicate = False Then

             MsgBox(ComboBox1.SelectedValue.Trim & " has been scheduled to be off")

                ElseIf duplicate = True Then

MsgBox(Clinicianname & " has been already scheduled off within this date range!")

                End If

            End If

        End If