* Take Attendance:

INSERT INTO [dbo].[Attendance] (StudentID, SessionID, AttendanceStatus, RecordTime, Message)

VALUES (?, ?, ?, ?, ?)

* List Attendance:

SELECT a.StudentID, a.SessionID, a.AttendanceStatus, a.RecordTime, a.Message, s.StudentCode, s.SurName, s.MidName, s.GivenName

FROM [dbo].[Attendance] as a, [dbo].[Student] as s

where s.StudentID=a.StudentID and a.SessionID=?

* List of Student:

With t as (SELECT s.SessionID, g.GroupID

FROM [dbo].[Group] as g, [dbo].[Session] as s

where s.GroupID=g.GroupID and s.SessionID=?)

Select distinct t.SessionID, stu.StudentID, stu.StudentCode, stu.SurName, stu.MidName, stu.GivenName

from [dbo].[Student] as stu, [dbo].[Enroll] as e, t

where stu.StudentID=e.StudentID and t.GroupID=e.GroupID

order by stu.StudentID asc

* Update Attendance:

UPDATE [dbo].[Attendance]

SET AttendanceStatus = ? ,RecordTime = ? ,Message = ?

WHERE StudentID=? and SessionID=?

* Schedule:

with t as (SELECT s.SessionID, s.GroupID, g.GroupName, g.CourseID, s.InstructorID, s.Slot, s.RoomName, s.Date

FROM [dbo].[Session] s, [dbo].[Group] g

where s.GroupId=g.GroupId)

select \* from t, [dbo].[Course] as c

where t.CourseID=c.CourseID

and t.Date >= ? and t.Date <= ?

* List of Course:

SELECT c.CourseID, c.CourseName

FROM [Assignment].[dbo].[Course] as c

* List of Group belong to a Course:

SELECT g.GroupID, g.GroupName

FROM [Assignment].[dbo].[Course] as c

where g.CourseID=?

* Count Attendance:

SELECT COUNT ([AttendanceStatus])

FROM [Assignment].[dbo].[Attendance] as a, [Assignment].[dbo].[Session] as s

where a.StudentID=? and s.SessionID=a.SessionID and s.GroupID=?

* Count Attended:

SELECT COUNT ([AttendanceStatus])

FROM [Assignment].[dbo].[Attendance] as a, [Assignment].[dbo].[Session] as s

where a.StudentID=? and s.SessionID=a.SessionID and s.GroupID=? andAttendance='Attended'