--T-003 교사 - 강의스케줄 조회

select distinct t.name as 교사명,

oc.seqOpenCourse as 과정번호,

bc.name as 과정명,

to\_char(oc.startdate, 'yyyy-mm-dd') as 시작일,

to\_char(oc.enddate, 'yyyy-mm-dd') as 종료일,

oc.memberCount as 등록인원

from tblOpenCourse oc

inner join tblBasicCourseInfo bc

on oc.seqBasicCourseInfo = bc.seqBasicCourseInfo

inner join tblOpenSubject os

on os.seqOpencourse = oc.seqOpenCourse

inner join tblAvailableSubject avs

on avs.seqAvailableSubject = os.seqAvailableSubject

inner join tblBasicSubject bs

on bs.seqBasicSubject = avs.seqBasicSubject

inner join tblTeacher t

on t.seqTeacher = avs.seqTeacher

order by oc.seqOpenCourse asc;

--교사 강의스케줄 조회 - 교사번호

create or replace procedure procTeacherSchedule(

pseqTeacher in number,

pcursor out sys\_refcursor

)

is

begin

open pcursor for select seqTeacher, teacherName, seqOpenCourse, courseName, startDate, endDate, memberCount

from vteacherSchedule --뷰

where seqTeacher = pseqTeacher;

end;

--교사 스케줄 조회 호출 - 교사번호

declare

vcursor sys\_refcursor;

vrow vteacherSchedule%rowtype;

begin

procTeacherSchedule(1, vcursor);

loop

fetch vcursor into vrow;

exit when vcursor%notfound;

dbms\_output.put\_line(vrow.teacherName);

end loop;

end;

--교사스케줄 조회 뷰

create or replace view vteacherSchedule

as

select distinct t.seqTeacher as seqTeacher,

t.name as teacherName,

oc.seqOpenCourse as seqOpenCourse,

bc.name as courseName,

to\_char(oc.startdate, 'yyyy-mm-dd') as startDate,

to\_char(oc.enddate, 'yyyy-mm-dd') as endDate,

oc.memberCount as memberCount

from tblOpenCourse oc

inner join tblBasicCourseInfo bc

on oc.seqBasicCourseInfo = bc.seqBasicCourseInfo

inner join tblOpenSubject os

on os.seqOpencourse = oc.seqOpenCourse

inner join tblAvailableSubject avs

on avs.seqAvailableSubject = os.seqAvailableSubject

inner join tblBasicSubject bs

on bs.seqBasicSubject = avs.seqBasicSubject

right outer join tblTeacher t

on t.seqTeacher = avs.seqTeacher

order by oc.seqOpenCourse asc;

--교사 스케줄 조회 - 교사명

create or replace procedure procTeacherSchedule2(

pteacherName in varchar,

pcursor out sys\_refcursor

)

is

begin

open pcursor for select seqTeacher, teacherName, seqOpenCourse, courseName, startDate, endDate, memberCount

from vteacherSchedule --뷰

where teacherName like '%pteacherName%';

end;

-- T04 배점입출력 관리

-- 해당 교사의 강의 중 끝난 과목들 조회하는 쿼리

-- 배점 관리에 사용

create or replace view vwSubjectInquiry

as

select

os.seqOpenSubject as SubSeq,

t.seqTeacher as tSeq,

bci.name as courseName,

oc.startDate as courseStart,

oc.endDate as courseEnd,

r.name as roomName,

bs.name as subName,

os.startDate as subStart,

os.endDate as subEnd,

b.name as bookName

from tblTeacher t

inner join tblAvailableSubject asj

on t.seqTeacher = asj.seqTeacher

left outer join tblOpenSubject os

on os.seqAvailableSubject = asj.seqAvailableSubject

inner join tblBasicSubject bs

on bs.seqBasicSubject = asj.seqBasicSubject

inner join tblOpenCourse oc

on oc.seqOpenCourse = os.seqOpenCourse

inner join tblBasicCourseInfo bci

on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo

inner join tblRoom r

on r.seqRoom = oc.seqRoom

inner join tblBook b

on b.seqbook = bs.seqbook

inner join tblBasicTest bt

on bt.seqOpenSubject = os.seqopensubject;

-- 교사 : 학생 배점 수정 프로시저

create or replace procedure procTestPercent(

subnum in number,

wpercent in number,

ppercent in number,

apercent in number

)

is

begin

update

tblTestPercent

set

writtenpercent = wpercent,

practicalPercent = ppercent,

attendancePercent = apercent

where

seqBasicTest = subnum;

end procTestPercent;

--교사 실기 시험 날짜 수정 프로시저

create or replace procedure procPracticalDate(

subnum in number,

pdate date

)

is

begin

update

tblTestPercent

set

practicaldate = pdate

where

seqBasicTest = subnum;

end procPracticalDate;

--교사 필기 시험 수정 프로시저

create or replace procedure procWrittenDate(

subnum in number,

wdate date

)

is

begin

update

tblTestPercent

set

writtenDate = wdate

where

seqBasicTest = subnum;

end procWrittenDate;

-- 특정 과목의 배점, 문제, 시험날짜 등등 출력해주는 뷰

create or replace view vwTestPercentInquiry

as

select

tp.seqTestPercent as tpSeq,

bt.seqBasicTest as btSeq,

bt.seqOpenSubject as subSeq,

tp.writtenpercent as written,

tp.practicalpercent as practical,

tp.attendancePercent as attendance,

tp.writtenDate as writtenDate,

tp.practicaldate as practicaldate

from tblTestPercent tp

inner join tblBasicTest bt

on tp.seqBasicTest = bt.seqBasicTest;

-- T05 교사 시험 조회 뷰

-- 교육생 개인이 수강한 모든 개설 과목에 대한 성적 정보 4

create or replace view vwSubjectScoreInquiry

as

select

ts.seqTestPercent as testSeq,

s.seqStudent as stuSeq,

s.name as studentName,

bci.name as courseName,

oc.startDate as courseStart,

oc.EndDate as courseEnd,

os.seqOpenSubject,

bs.name as subjectName,

os.startDate as subjectStart,

os.endDate as subjectEnd,

t.name as teacherName,

ts.writtenScore,

ts.practicalScore,

ts.attendanceScore,

rc.studentState,

r.name as roomName,

t.seqTeacher as tSeq

from tblOpenSubject os

right outer join tblAvailableSubject asj

on asj.seqAvailableSubject = os.seqAvailableSubject

right outer join tblTeacher t

on t.seqTeacher = asj.seqTeacher

left outer join tblBasicSubject bs

on bs.seqBasicSubject = asj.seqBasicSubject

left outer join tblBasicTest bt

on bt.seqOpenSubject = os.seqOpenSubject

left outer join tblTestPercent tp

on tp.seqBasicTest = bt.seqBasicTest

left outer join tblTestScore ts

on ts.seqTestPercent = tp.seqTestPercent

left outer join tblRegCourse rc

on rc.seqRegCourse = tp.seqRegCourse

right outer join tblStudent s

on s.seqStudent = rc.seqStudent

left outer join tblopencourse oc

on oc.seqopencourse = os.seqopencourse

left outer join tblBasicCourseInfo bci

on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo

inner join tblroom r

on r.seqRoom = oc.seqRoom

-- 시험 점수 업데이트 프로시저(특정과목)

create or replace procedure procScoreUpdate(

subnum in number,

stunum in number,

wnum in number,

pnum in number,

anum in number

)

is

begin

update tblTestScore set writtenScore = wnum, practicalScore = pnum, AttendanceScore = anum where seqTestScore = (select

seqTestScore

from tblTestScore ts

inner join tblTestPercent tp

on tp.seqTestPercent = ts.seqTestPercent

inner join tblBasicTest bt

on bt.seqBasicTest = tp.seqBasicTest

inner join tblRegCourse rc

on rc.seqRegCourse = tp.seqRegCourse

where bt.seqOpenSubject = subnum and rc.seqstudent = stunum);

end procScoreUpdate;

--시험 점수 업데이트 프로시저(특정교육생)

create or replace procedure procScoreUpdate2(

testnum in number,

wnum in number,

pnum in number,

anum in number

)

is

begin

update

tblTestScore

set

writtenScore = wnum, practicalScore = pnum, AttendanceScore = anum

where seqTestScore = testnum;

end procScoreUpdate2;

------------------------------------------------------------------------------------------------------

-- T010 출결 조회 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-- T010-1 담당 개설 과정 조회

-- 개설과정번호, 과정명, 과정시작날짜, 과정종료날짜, 강의실, 강의진행상태

create or replace procedure procTCourseList(

pcursor out sys\_refcursor,

pseqTeacher number -- 교사번호

)

is

begin

open pcursor for

select

oc.seqopencourse, -- 과정번호

bci.name, -- 과정명

to\_char(oc.startdate, 'yyyy-mm-dd') startDate, -- 과정 시작날짜

to\_char(oc.enddate, 'yyyy-mm-dd') endDate, -- 과정 종료날짜

r.name roomName, -- 강의실명

case

when sysdate between oc.startDate and oc.endDate then '진행중'

when sysdate > oc.endDate then '종료'

when sysdate < oc.startDate then '개강전'

end courseRegState -- 개설과목등록여부

from tblOpenCourse oc

inner join tblBasicCourseInfo bci

on oc.seqBasicCourseInfo = bci.seqBasicCourseInfo

inner join tblRoom r

on oc.seqroom = r.seqRoom

inner join tblAssignTeacher at

on oc.seqOpenCourse = at.seqOpenCourse

inner join tblTeacher t

on t.seqTeacher = at.seqTeacher

where t.seqTeacher = pseqTeacher;

end;

-- T010-2 특정 개설과정의 교육생 전체 목록 조회

-- 수강번호, 교육생명, 교육생pw(주민번호뒷자리), 교육생전화번호, 교육생등록날짜, 교육생수료여부

create or replace procedure procTStudentList(

pcursor out sys\_refcursor,

pseqOpenCourse number -- 입력한 개설과정 번호

)

is

begin

open pcursor for

select

rc.seqRegCourse, -- 수강번호

s.name studentName, -- 교육생 이름

substr(s.ssn, 8, 7) studentPw, -- 교육생pw (주민번호뒷자리)

s.phone, -- 교육생 전화번호

s.firstRegistrationDate, -- 교육생 등록날짜

studentState -- 교육생 수료여부

from tblRegCourse rc

inner join tblStudent s

on rc.seqStudent = s.seqStudent

inner join tblOpenCourse oc

on oc.seqOpenCourse = rc.seqOpenCourse

inner join tblAssignTeacher at

on at.seqOpenCourse = oc.seqOpenCourse

inner join tblTeacher t

on t.seqTeacher = at.seqTeacher

where oc.seqOpenCourse = pseqOpenCourse;

end;

-- T010-3 특정 개설과정의 특정 교육생 특정 기간 출결 조회

-- 날짜, 입실시간, 퇴실시간, 출결상태

create or replace procedure procTattPeriodList(

pcursor out sys\_refcursor,

pseqOpenCourse number, -- 입력한 개설과정 번호

pseqRegCourse number, -- 입력한 수강번호 (=특정 교육생)

pstartDate varchar2, -- 입력한 특정기간(시작일)

pendDate varchar2 -- 입력한 특정기간(종료일)

)

is

begin

open pcursor for

select

to\_char(vw.CourseDate, 'yyyy-mm-dd') attendDate, -- 교육생 수강날짜

to\_char(a.inTime, 'hh24:mi:ss') inTime, -- 입실시간

to\_char(a.outTime, 'hh24:mi:ss') outTime, -- 퇴실시간

case

when a.attendState is null and h.name is not null then h.name -- 공휴일

when to\_char(vw.CourseDate, 'd') in (1, 7) then '휴일'

when a.attendState is null then '결석'

else a.attendState

end attendState -- 출결상태

from tblRegCourse rc

inner join tblOpenCourse oc

on rc.seqOpenCourse = oc.seqOpenCourse

and rc.seqRegCourse = pseqRegCourse -- 특정 수강번호 (특정 교육생)

inner join tblBasicCourseInfo bci

on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo

inner join tblStudent s

on rc.seqStudent = s.seqStudent

inner join tblAttendance a

on a.seqRegCourse = rc.seqRegCourse

right outer join (select -- 개설과정테이블에서 특정 개설과정번호 과정의 (수업시작일 - 종료일)을 가져와 모든 날짜를 출력하는 서브쿼리

(select startDate

from tblOpenCourse where seqOpenCourse = pseqOpenCourse) + level - 1 as courseDate

from dual

connect by level < (select

to\_date((case

when endDate < sysdate then endDate -- 수강종료일이 현재날짜보다 이후라면 현재날짜까지만 출력한다.

else sysdate

end), 'yyyy-mm-dd')

from tblOpenCourse

where seqOpenCourse = pseqOpenCourse) - (select

to\_date(startDate, 'yyyy-mm-dd')

from tblOpenCourse

where seqOpenCourse = pseqOpenCourse) + 2) vw

on to\_date(vw.CourseDate, 'yyyy-mm-dd') = to\_date(a.attendanceDate, 'yyyy-mm-dd')

left outer join tblHoliday h

on vw.courseDate = h.regDate

where vw.courseDate between pstartDate and pendDate

order by vw.courseDate;

end;

-- T011 교사 평가 조회

-- (해당 교사가 강의한)과정번호, 과정명, 시작날짜, 종료날짜, 수강인원

create or replace view vwTeacherRegCourse

as

select

\*

from vwRegCourse

where seqTeacher = 1;

-- 특정 과정 교사 평가 조회

create or replace view vwTeacherEvaluation

as

select

rc.seqStudent,

s.name,

e.processScore,

e.understandScore,

e.communicationScore,

e.usefulScore,

e.satisfactionScore

from tblRegCourse rc

left outer join tblEvaluation e

on rc.seqRegCourse = e.seqRegCourse

inner join tblStudent s

on rc.seqStudent = s.seqStudent

where seqOpenCourse = (select seqOpenCourse from vwTeacherRegCourse where seqOpenCourse = 1)

order by rc.seqStudent;

select \* from vwTeacherEvaluation;

--