--C-001 교육생 - 교육생 개인정보/수강과정/과정기간/강의실 조회

select \* from vStudentList;

--교육생 조회 뷰

create or replace view vStudentList

as

select registDate, num2, seqStudent, name, ssn, startDate, endDate, room, studentId,

courseName from(select a.\*, rownum num2 from (select s.seqStudent as seqStudent,

s.name as name,

substr(s.ssn, 1, 6) as ssn,

bc.name as courseName,

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

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

r.name as room,

s.id as studentId,

s.firstregistrationdate as registDate

from tblStudent s

inner join tblRegCourse rc

on s.seqstudent = rc.seqStudent

inner join tblOpenCourse oc

on oc.seqopencourse = rc.seqopencourse

inner join tblBasicCourseInfo bc

on bc.seqBasicCourseInfo = oc.seqBasicCourseInfo

inner join tblRoom r

on r.seqRoom = oc.seqRoom

order by s.firstregistrationdate asc)a);

--교육생 전체 리스트 페이징

select \* from vStudentList where num2 between 3 and 5;

--교육생 조회 - 교육생행번호(JDBC)

select \* from vStudentList where num2 = 2 ;

--교육생 조회 - 교육생번호

select \* from vStudentList where seqStudent = 2 ;

--교육생 조회 - 교육생이름

create or replace procedure procStudentList(

pstudentName varchar2,

pcursor out sys\_refcursor

)

is

begin

open pcursor for select seqStudent, name, ssn, courseName, startDate, endDate, room

from vStudentList --뷰

where name like '%pstudentName%';

end;

-- S002 출결 조회 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

-- S002-1 특정 교육생의 입실, 퇴실 체크

-- 진행상황 : 입실 & 퇴실 - 진행상황 체크해야함

create or replace procedure procAddAttendance(

pseqRegCourse number -- 수강번호

)

is

vresult date;

vinTime date;

voutTime date;

begin

procForData(pseqRegCourse, vresult);

if vresult is null then

-- 출결데이터가 한번도 찍히지 않음

insert into tblAttendance (seqtblAttendance, seqRegCourse, Attendancedate, inTime, outTime, attendState)

values (seqtblAttendance.nextVal, pseqRegCourse, sysdate, sysdate, null, null);

else

-- 출결데이터가 찍힌적이 있음

update tblAttendance set outTime = sysdate

where to\_char(attendancedate, 'yyyy-mm-dd') = to\_char(sysdate, 'yyyy-mm-dd') and seqregcourse = pseqregcourse;

select

inTime, outTime into vinTime, voutTime

from tblAttendance

where to\_char(attendancedate, 'yyyy-mm-dd') = to\_char(sysdate, 'yyyy-mm-dd') and seqregcourse = pseqregcourse;

-- 출결 상태 계산

if to\_char(vinTime, 'hh24:mi:ss') < '09:10:01' and to\_char(voutTime, 'hh24:mi:ss') > '17:50:01' then

update tblAttendance set attendState = '정상'

where to\_char(attendancedate, 'yyyy-mm-dd') = to\_char(sysdate, 'yyyy-mm-dd') and seqregcourse = pseqregcourse;

elsif to\_char(vinTime, 'hh24:mi:ss') between '09:10:00' and '13:59:59'

and to\_char(voutTime, 'hh24:mi:ss') > '17:50:01' then

update tblAttendance set attendState = '지각'

where to\_char(attendancedate, 'yyyy-mm-dd') = to\_char(sysdate, 'yyyy-mm-dd') and seqregcourse = pseqregcourse;

elsif to\_char(vinTime, 'hh24:mi:ss') < '09:10:01'

and to\_char(voutTime, 'hh24:mi:ss') between '12:50:01' and '17:50:01' then

update tblAttendance set attendState = '조퇴'

where to\_char(attendancedate, 'yyyy-mm-dd') = to\_char(sysdate, 'yyyy-mm-dd') and seqregcourse = pseqregcourse;

else

update tblAttendance set attendState = '기타'

where to\_char(attendancedate, 'yyyy-mm-dd') = to\_char(sysdate, 'yyyy-mm-dd') and seqregcourse = pseqregcourse;

end if;

end if;

end procAddAttendance;

--=====================================================================

-- 데이터가 있는지 없는지 확인하는 프로시저

create or replace procedure procForData(

pseqregcourse number,

presult out date

)

is

begin

select attendancedate into presult from tblAttendance

where to\_char(attendancedate, 'yyyy-mm-dd') = to\_char(sysdate, 'yyyy-mm-dd') and seqregcourse = pseqregcourse;

exception

when no\_data\_found then

presult := NULL;

end procForData;

-- ================================================================

-- S002-1 특정 교육생의 개설 과정 목록 조회 (=수강이력, 현재 수강중인 강의 포함)

-- 수강번호, 개설과정번호, 과정명, 과정시작일, 과정종료일, 강의실

create or replace procedure procSCourseList(

pcursor out sys\_refcursor,

pseqStudent number -- 입력한 교육생 번호

)

is

begin

open pcursor for

select

seqRegCourse, -- 수강번호

oc.seqOpenCourse,

bci.name,

oc.startDate,

oc.endDate,

r.name roomName

from tblRegCourse rc

inner join tblOpenCourse oc

on rc.seqOpenCourse = oc.seqOpenCourse

inner join tblBasicCourseInfo bci

on bci.seqBasicCourseInfo = oc.seqBasicCourseInfo

inner join tblRoom r

on r.seqRoom = oc.seqRoom

where seqStudent = pseqStudent;

end;

-- S002-2 특정 개설 과정의 특정 월 출결 조회

-- 수강날짜, 입실시간, 퇴실시간, 출결상태

create or replace procedure procAattListByMonth(

pcursor out sys\_refcursor,

pseqOpenCourse number, -- 입력한 개설과정 번호

pyear varchar2, -- 입력한 년도 (=조회하고싶은 년도)

pmonth varchar2 -- 입력한 월 (=조회하고싶은 월)

)

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

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 to\_char(vw.courseDate, 'yyyy-mm') = pyear || '-' || pmonth

order by vw.courseDate;

end;

-- S002-3 특정 개설 과정의 특정 기간 출결 조회

-- 수강날짜, 입실시간, 퇴실시간, 출결상태

create or replace procedure procSattPeriodList(

pcursor out sys\_refcursor,

pseqOpenCourse number, -- 입력한 개설과정 번호

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

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;

-- S003 교육생 성적조회

-- 교육생 성적 조회를 위한 View

create or replace View vwStudentTestScore

as

select

ts.seqTestPercent as testSeq,

s.seqStudent as stuSeq,

s.name as studentName,

s.ssn as studentSsn,

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,

tp.writtenPercent,

tp.practicalPercent,

tp.attendancePercent,

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;

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

--C004 강의 및 시설 평가 등록, 수정, 삭제하기

-- 강의 및 시설 평가(교육생)

-- 수강한 과정명, 과정 기간(시작, 종료), 강의실

select

rc.seqRegCourse,

bc.name as course,

oc.startDate,

oc.endDate,

r.name as room

from tblRegCourse rc

inner join tblOpenCourse oc

on rc.seqOpenCourse = oc.seqOpenCourse

inner join tblBasicCourseInfo bc

on bc.seqBasicCourseInfo = oc.seqBasicCourseInfo

inner join tblRoom r

on oc.seqRoom = r.seqRoom

where rc.seqStudent = 1; -- 접속한 교육생 번호 받아오기

-- 평가 등록

create or replace procedure procAddEvaluation(

pseqRegCourse number, -- 수강정보

pprocessScore number, -- 강의계획서 이행점수

punderstandScore number, -- 교사의 강의전달 및 이해점수

pcommunicationScore number, -- 교사의 소통점수

pusefulScore number, -- 강의 유익성 점수

psatisfactionScore number, -- 전반적인 만족도

pfacilityScore number, -- 시설 만족도

pmanagementScore number -- 사후 취업관리 만족도

)

is

begin

insert into tblEvaluation (seqEvaluation, seqRegCourse, processScore, understandScore, communicationScore, usefulScore, satisfactionScore, facilityScore, managementScore)

values (seqEvaluation.nextVal, pseqRegCourse, pprocessScore, punderstandScore, pcommunicationScore, pusefulScore, psatisfactionScore, pfacilityScore, pmanagementScore);

commit;

exception

when others then

rollback;

end;

-- 평가 등록 예

begin

procAddEvaluation(11, 3.5, 4.5, 4, 3, 2.5, 4, 4);

end;

-- 평가 수정

create or replace procedure procUpdateEvaluation(

pseqRegCourse number,

pprocessScore number,

punderstandScore number,

pcommunicationScore number,

pusefulScore number,

psatisfactionScore number,

pfacilityScore number,

pmanagementScore number

)

is

begin

update tblEvaluation

set processScore = pprocessScore,

understandScore = punderstandScore,

communicationScore = pcommunicationScore,

usefulScore = pusefulScore,

satisfactionScore = psatisfactionScore,

facilityScore = pfacilityScore,

managementScore = pmanagementScore

where seqRegCourse = pseqRegCourse;

commit;

exception

when others then

rollback;

end;

-- 평가 수정 예

begin

procUpdateEvaluation(11, 3, 4.5, 4, 3.5, 2.5, 4.5, 4);

end;

-- 평가 삭제

create or replace procedure procDeleteEvaluation(

pseqRegCourse number

)

is

begin

delete from tblEvaluation where seqRegCourse = pseqRegCourse;

commit;

exception

when others then

rollback;

end;

-- 평가 삭제 예

begin

procDeleteEvaluation(11);

end;

/\*C005 교육생 연계기업 채용공고 조회\*/

--C005 전체 채용공고 조회

select \* from vwCompanyInfo; --관리자에서 view만듬

--------------------------C005 2. 소재지별 채용공고 조회,

create or replace procedure procCityCompany(

paddress vwCompanyInfo.address%type,

pcursor out sys\_refcursor

)

is

begin

open pcursor

for select \* from vwcompanyinfo where address like '%' || paddress || '%';

end;

-----------------------------------C005 3. 업무별 채용공고 조회,

create or replace procedure procFieldCompany(

pcomField vwCompanyInfo.comField%type,

pcursor out sys\_refcursor

)

is

begin

open pcursor

for select \* from vwCompanyInfo where comField like '%' ||pcomField||'%';

end;

--------------------------------C005 4.연봉별 채용공고 조회,

create or replace procedure procSalaryCompany(

psalary in vwCompanyInfo.salary%type, ---첫번째 입력값 ex)20000000이상

psalary2 in vwCompanyInfo.salary%type, -- 두번째 입력값 ex)30000000미만

pcursor out sys\_refcursor

)

is

begin

open pcursor

for select \* from vwcompanyinfo where salary >=psalary and salary <psalary2;

end;

/\*C006 교육생 수료자 취업현황조회\*/

-----------------------C006 수료자 취업현황 전체조회

create view vwGetJobInfo

as

select

gj.seqgetjobinfo as gjseq, --취업정보번호

substr(s.name,1,1) || '\*\*' as name, --- 이름 (이름은 \*\* 로 표시한다.)

s.id as id, --학생아이디

gj.name as companyname, --회사명

gj.duty as duty, --업무

gj.form as form, --채용형태

gj.salary as salary, --연봉

to\_char(gj.getjobdate,'yyyy-mm-dd') as getjobdate, --취업일

gj.location as location, --회사주소

rc.seqregcourse as rcseq, --과정번호

bc.name as course --수료한과정명

from tblGetJobInfo gj

inner join tblRegCourse rc

on gj.seqregcourse = rc.seqregcourse

inner join tblStudent s

on rc.seqstudent =s.seqstudent

inner join tblOpenCourse oc

on rc.seqopencourse = oc.seqopencourse

inner join tblBasicCourseinfo bc

on oc.seqbasiccourseinfo = bc.seqbasiccourseinfo

order by gj.getjobdate desc;

---------------------C006 1. 소재지별 수료자취업정보조회

create or replace procedure procCityGetJob(

plocation vwgetjobinfo.location%type,

pcursor out sys\_refcursor

)

is

begin

open pcursor

for select \* from vwgetjobinfo where location like '%' || plocation || '%';

end;

-------------------C006 2.업무별 수료자 취업정보 조회

create or replace procedure procDutyGetJob(

pduty vwgetjobinfo.duty%type,

pcursor out sys\_refcursor

)

is

begin

open pcursor

for select \* from vwgetjobinfo where duty like '%'||pduty||'%';

end;

------------------C006 3. 연봉별 수료자 취업정보 조회

create or replace procedure procSalaryGetJob(

psalary vwgetjobinfo.salary%type,

psalary2 vwgetjobinfo.salary%type,

pcursor out sys\_refcursor

)

is

begin

open pcursor

for select \* from vwgetjobinfo where salary >= psalary and salary < psalary2;

end;

--------------------------C006 4.수료자 연계기업취업현황 조회

create view vwSAllEmpStatus

as

select

es.seqempstatus as seq, ----번호

substr(s.name,1,1)||'\*\*' as name, --이름 (이름은 \*\* 로 표시한다.)

s.id as id, --수료생아이디

gj.name as companyname, --회사명

gj.duty as duty, --업무

gj.form as form, --채용형태

gj.salary as salary, --연봉

to\_char(gj.getjobdate,'yyyy-mm-dd') as getjobdate, --취업일

gj.location as location, --회사주소

bc.name as course --수료한과정명

from tblEmpStatus es

inner join tblcompanyinfo ci

on es.seqcompanyinfo = ci.seqcompanyinfo

inner join tblgetjobinfo gj

on es.seqgetjobinfo = gj.seqgetjobinfo

inner join tblregcourse rc

on es.seqregcourse = rc.seqregcourse

inner join tblstudent s

on rc.seqstudent = s.seqstudent

inner join tblopencourse oc

on rc.seqopencourse = oc.seqopencourse

inner join tblbasiccourseinfo bc

on oc.seqbasiccourseinfo = bc.seqbasiccourseinfo

order by gj.getjobdate desc;

commit;