**데이터 쿼리문(ANSI-SQL)**

| 요구사항번호 | B01 | 작성일 | 2021-12-06 |
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| 요구사항명 | 관리자 계정 조회 및 로그인 | 작성자 | 윤한빈 |
| DML | | | |
| select \* from tblManager;  select count(\*) as cnt from tblmanager where id = 'ssangyong1' and password = '1024982'; | | | |

| 요구사항번호 | B02 | 작성일 | 2021-12-06 |
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| 요구사항명 | 관리자 기초 정보 조회 및 수정 | 작성자 | 윤한빈 |
| DML | | | |
| --매니저 → 기초정보 조회  select  c.name, s.name, cl.name, b.name as name  from tbllclass lc  inner join tblclass c  on lc.class\_Seq = c.class\_seq  inner join tblclassroom cl  on lc.classroom\_seq = cl.classroom\_seq  inner join tbllsubject ls  on ls.lclass\_seq = lc.class\_seq  inner join tblsubject s  on ls.subject\_seq = s.subject\_seq  inner join tblbookname b  on ls.bookname\_seq = b.bookname\_seq;  --기본정보 추가  insert into tblClass (Class\_Seq, name) values ((select max(class\_Seq) + 1 from tblclass), '추가과정');  insert into tblsubject (subject\_Seq, name) values ((select max(subject\_Seq) + 1 from tblsubject), '추가과목');  insert into tblclassroom (classroom\_Seq, name, totalNum) values ((select max(classroom\_Seq) + 1 from tblclassroom), '추가강의실', '정원');  insert into tblBookName (bookname\_seq, name, publisher) values ((select max(bookname\_Seq) + 1 from tblbookname), '책이름', '출판사');  --기본정보 수정  update tblclass set name = pname where class\_seq = 과정번호;  update tblsubject set name = pname where subject\_seq = 과목번호;  update tblclassroom set name = pname, totalnum = ptotalnum where classroom\_seq = 교실번호;  update tblbookname set name = '수정책이름', publisher = '출판사' where bookname\_seq = 책번호;  --기본 정보 삭제  delete from tblclass where class\_Seq = 과정번호;  delete from tblsubject where subject\_Seq = 과목번호;  delete from tblclassroom where classroom\_Seq = 교실번호;  delete from tblbookname where bookname\_Seq = 책번호; | | | |

| 요구사항번호 | B03 | 작성일 | 2021-12-06 |
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| 요구사항명 | 관리자 -> 교사 관리 | 작성자 | 윤한빈 |
| DML | | | |
| --교사 정보 조회  select \* from tblteacher;  -- 특정 교사 정보 조회  select \* into from tblteacher where name = '특정 교사 이름';  --교사추가  INSERT INTO tblTeacher(Teacher\_Seq, name, id, jumin, tel, possibleLecture, now, Subject\_Seq, Manager\_Seq)  Values ((select max(teacher\_Seq) + 1 from tblteacher), '추가교사', 'wewe545', '1234564', '010-1111-1111', '자바,파이썬,오라클', 'N', 50, 1);  --교사 아이디 수정  update tblteacher set id = pid where teacher\_seq = 교사번호;  --교사 전화번호 수정  update tblteacher set tel = ptel where teacher\_seq = 교사번호;  --교사 삭제  delete from tblteacher where teacher\_Seq = 교사번호;  -- 특정교사 선택시 과목과 과정정보 출력  select  ls.start\_date as "개설시작날",  ls.end\_date as "개설끝날",  s.name as "개설과목명",  c.name as "개설과정명",  lc.startclassdate as "과정시작일",  lc.finishclassdate as "과정종료일",  cl.name as "강의실",  b.name as "교재명",  t.name as "교사이름",  t.now as "강의진행여부"  from tbllclass lc  inner join tblclass c  on lc.class\_Seq = c.class\_seq  inner join tblclassroom cl  on lc.classroom\_seq = cl.classroom\_seq  inner join tbllsubject ls  on ls.lclass\_seq = lc.class\_seq  inner join tblsubject s  on ls.subject\_seq = s.subject\_seq  inner join tblbookname b  on ls.bookname\_seq = b.bookname\_seq  inner join tblteacher t  on ls.teacher\_seq = t.teacher\_seq where t.name = ’교사이름’; | | | |

| 요구사항번호 | B04 | 작성일 | 2021-12-06 |
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| 요구사항명 | 개설 과정 관리 | 작성자 | 윤한빈 |
| DML | | | |
| --과정 종료일 설정  update tbllclass set finishclassdate = pdate where lclass\_seq = 개설과정번호;  --과정 강의실 설정  update tbllclass set classroom\_Seq = pcseq where lclass\_seq = 개설과정번호;  --과정 추가  insert into tblLClass (LClass\_seq, StartClassDate, FinishClassDate, LSubEnroll, Class\_Seq, Subject\_Seq, LSubject\_Seq)values ((select max(lclass\_seq) + 1 from tbllclass), '2021-01-11', '2022-07-140', 'N', 1, 4, 15);  --과정 삭제  delete from tbllclass where lclass\_Seq = 삭제할과정번호; | | | |

| 요구사항번호 | B05 | 작성일 | 2021-12-06 |
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| 요구사항명 | 개설 과목 정보 | 작성자 | 윤한빈 |
| DML | | | |
| -- 개설 과목 정보  --B05  select  ls.lsubject\_Seq vwSubject\_Seq,  c.name as classname,  lc.startclassdate as classSD,  lc.finishclassdate as ClassFD,  cl.name as CRname,  s.name as subjectName,  ls.start\_date as subjectSD,  ls.end\_date as subjectED,  b.name as BookName,  t.name as teacherName  from tbllclass lc  inner join tblclass c  on lc.class\_Seq = c.class\_seq  inner join tblclassroom cl  on lc.classroom\_seq = cl.classroom\_seq  inner join tbllsubject ls  on ls.lclass\_seq = lc.class\_seq  inner join tblsubject s  on ls.subject\_seq = s.subject\_seq  inner join tblbookname b  on ls.bookname\_seq = b.bookname\_seq  inner join tblteacher t  on ls.teacher\_seq = t.teacher\_seq order by vwSubject\_Seq;  --개설과목 일정 변경  update tbllsubject set Start\_Date = '변경시작날짜', End\_Date = '변경종료날짜' where lsubject\_Seq = 개설과목번호;  --개설과목 삭제  delete from tbllsubject where lsubject\_Seq = 개설과목번호; | | | |

| 요구사항번호 | B06 | 작성일 | 2021-12-06 |
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| 요구사항명 | 관리자 교육생 관리 | 작성자 | 윤한빈 |
| DML | | | |
| select  st.name as stname,  c.name as classname,  lc.startclassdate as classSD,  lc.finishclassdate as classFD,  cl.name as CRName,  ss.whether as SugangState,  ss.sugangstate\_Date as OutDate  from tblstudent st  inner join tblsugang su  on st.student\_seq = su.student\_seq  inner join tbllclass lc  on lc.class\_seq = su.lclass\_seq  inner join tblclass c  on lc.class\_Seq = c.class\_seq  inner join tblclassroom cl  on lc.classroom\_Seq = cl.classroom\_seq  inner join tblsugangstate ss  on ss.sugang\_seq = su.sugang\_seq;  --교육생 추가  INSERT INTO TBLSTUDENT (STUDENT\_SEQ, NAME, ID, SSN, TEL, ATTENDDATE, MANAGER\_SEQ)  VALUES ((select max(student\_seq) + 1 from tblstudent), '홍길동', 'hong1234', '9502161265485', '010-2222-3333', sysdate, 5);  --중도 처리 관리  update tblsugangstate set sugangstate\_date = '2021-12-02', whether = 'Y' where sugang\_seq = (select tblstudent.student\_seq from tblstudent inner join tblsugang on tblsugang.student\_seq = tblstudent.student\_seq where name = '교육생이름'); | | | |

| 요구사항번호 | B-13 | 작성일 | 2021-11-30 |
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| 요구사항명 | 희망 취업처 및 연봉 조회 | 작성자 | 이정현 |
| ANSI-SQL | | | |
| 1. **학생들의 희망 취업처 및 희망 연봉 조회**   --1) 희망 취업처와 연봉'만' 조회  select  s.name as "교육생명",  w.city as "희망 지역",  w.basicpay as "희망 연봉"  from tblwishjob w  inner join tblStudent s  on w.student\_seq = s.student\_seq  where s.name like '%이정현%';  eq  where s.name like '%이정현%';   1. **학생 상담 및 관련 자료 조회**   select  st.name as "교육생명",  c.purpose "상담목적",  c.target "상담사",  c.counsel\_date "신청날짜",  w.city as "취업희망지역",  w.basicpay "희망연봉"  from tblcounsel c  inner join tblsugang su  on c.sugang\_seq = su.sugang\_seq  inner join tblstudent st  on st.student\_seq = su.student\_seq  inner join tblwishjob w  on w.student\_seq = st.student\_seq  where st.name like '%이정현%'  order by "신청날짜"; | | | |

| 요구사항번호 | B-14 | 작성일 | 2021-11-30 |
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| 요구사항명 | 교육생 팀 편성 조회 | 작성자 | 이정현 |
| ANSI-SQL | | | |
| 1. 교육생 전체 조회   -- 1. 팀 조회  select  lc.class\_seq as "과정번호",  t.team || '조' as "팀",  st.name as "교육생명"  from tblStudent st  inner join tblsugang sg  on sg.student\_seq = st.student\_seq  inner join tblTeam t  on t.sugang\_seq = sg.sugang\_seq  inner join tbllclass lc  on lc.lclass\_seq = sg.lclass\_seq  inner join tblmanager m  on m.manager\_seq = st.manager\_seq  --where t.team = 1 and st.name like '%이정현%' -- 2. 특정 팀과 교육생 이름으로 선택적 조회  order by lc.class\_seq, "교육생명"; -- 1. 전체 조회   1. 특정 강의의 특정 팀 조회   select  c.name as "과정이름",  t.team as "팀",  st.name as "교육생명"  from tblStudent st  inner join tblsugang sg  on sg.student\_seq = st.student\_seq  inner join tblTeam t  on t.sugang\_seq = sg.sugang\_seq  inner join tbllclass lc  on lc.lclass\_seq = sg.lclass\_seq  inner join tblclass c  on c.class\_seq = lc.class\_seq  where t.team = 1 and c.name like '%플랫폼 연동 융합 개발자%'  order by c.name, st.name; | | | |

| 요구사항번호 | B-15 | 작성일 | 2021-11-30 |
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| 요구사항명 | 교육생 상담 조회 | 작성자 | 이정현 |
| ANSI-SQL | | | |
| select  st.name as "교육생명",  c.purpose as "상담목적",  c.target as "상담사",  c.counsel\_date as "신청날짜"  from tblStudent st  inner join tblsugang sg  on st.student\_seq = sg.sugang\_seq  inner join tblcounsel c  on sg.sugang\_seq = c.sugang\_seq  inner join tblmanager m  on m.manager\_seq = st.manager\_seq  --where st.name like '%이정현%'  --and c.purpose like '%%' --2. 이름 및 상담내용으로 부분 조회  order by counsel\_date desc; -- 1. 전체조회 | | | |

| 요구사항번호 | C-01 | 작성일 | 2021-11-30 |
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| 요구사항명 | 계정관리 | 작성자 | 이정현 |
| ANSI-SQL | | | |
| -- 1이면 성공 0이면 실패  select count(\*) as "로그인" from tblTeacher where id = 'tpdls1990' and jumin = '1234927'; -- 1 | | | |

| 요구사항번호 | C-02 | 작성일 | 2021-11-30 |
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| 요구사항명 | 배점 입출력 | 작성자 | 이정현 |
| ANSI-SQL | | | |
| -- 1) 교사별 강의과정 스케줄 조회 쿼리(교사 : 강의 = 1 : N)  select  distinct t.name as "교사명",  c.name as "과정명",  lc.startclassdate as "개강",  lc.finishclassdate as "종강",  cr.name "강의실",  (select  count(distinct(student\_seq))  from tblteacher t inner join tbllsubject ls on t.teacher\_seq = ls.teacher\_seq  inner join tbllclass lc on lc.lclass\_seq = ls.lclass\_seq  inner join tblsugang su on su.lclass\_seq = lc.lclass\_seq  where t.teacher\_seq = 11) as "등록인원수",  case  when lc.startclassdate <= sysdate and lc.finishclassdate >= sysdate then '진행중'  when lc.startclassdate > sysdate then '예정'  when lc.startclassdate < sysdate then '종료'  end as "강의진행상태"  from tblclass c  inner join tbllclass lc  on c.class\_seq = lc.class\_seq  inner join tbllsubject ls  on ls.lclass\_seq = lc.class\_seq  inner join tblteacher t  on t.teacher\_seq = ls.teacher\_seq  inner join tblclassroom cr  on cr.classroom\_seq = lc.classroom\_seq  where ls.teacher\_seq = 11  order by "개강" asc;  -- 2) 지정 강의(=과정)의 과목 스케줄  select  c.name as "과정명",  sb.name as "과목명",  sb.subject\_seq as "과목번호",  ls.start\_date as "과목시작날짜",  ls.end\_date as "과목종료날짜",  b.name as "교재명", --  cr.name "강의실",  case  when ls.start\_date <= sysdate and ls.end\_date >= sysdate then '진행중'  when ls.start\_date > sysdate then '예정'  when ls.start\_date < sysdate then '종료'  end as "강의진행상태"    from tbllsubject ls  inner join tbllclass lc  on lc.lclass\_seq = ls.lclass\_seq  inner join tblsubject sb  on sb.subject\_seq = ls.subject\_seq  inner join tblclass c  on c.class\_seq = lc.class\_seq  inner join tblbookname b  on b.bookname\_seq = ls.bookname\_seq  inner join tblclassroom cr  on cr.classroom\_seq = lc.classroom\_seq  inner join tblteacher t  on t.teacher\_seq = ls.teacher\_seq  where t.teacher\_seq = (select t.teacher\_seq from tblteacher t where t.id = 'tpdls1990' and t.jumin = 1234927)  order by ls.start\_date asc;  -- 3) 전체 출력 쿼리  --> 교사명, 과정명, 과정기간(시작,끝), 과목번호, 과목명, 과목기간, 교재명, 강의실, \*교육생 등록인원, 강의진행상태  select  distinct t.name as "교사명",  c.name as "과정명", --  lc.startclassdate as "개강",  lc.finishclassdate as "종강",  sb.subject\_seq as "과목번호",  sb.name as "과목명",  ls.start\_date as "과목시작날짜",  ls.end\_date as "과목종료날짜",  b.name as "교재명",  cr.name "강의실",  (select  count(distinct(student\_seq))  from tblteacher t inner join tbllsubject ls on t.teacher\_seq = ls.teacher\_seq  inner join tbllclass lc on lc.lclass\_seq = ls.lclass\_seq  inner join tblsugang su on su.lclass\_seq = lc.lclass\_seq  where t.teacher\_seq =11) as "등록인원수",  case  when ls.start\_date <= sysdate and ls.end\_date >= sysdate then '진행중'  when ls.start\_date > sysdate then '예정'  when ls.start\_date < sysdate then '종료'  end as "강의진행상태"    from tblteacher t  inner join tbllsubject ls  on t.teacher\_seq = ls.teacher\_seq  inner join tbllclass lc  on lc.lclass\_seq = ls.lclass\_seq  inner join tblclass c  on c.class\_seq = lc.class\_seq  inner join tblbookname b  on b.bookname\_seq = ls.bookname\_seq  inner join tblsubject sb  on ls.subject\_seq = sb.subject\_seq  inner join tblclassroom cr  on cr.classroom\_seq = lc.classroom\_seq  inner join tblsugang sg  on sg.lclass\_seq = lc.lclass\_seq    where ls.teacher\_seq = 11;  -- 4) 교육생 정보 = 과정번호 + 강의 진행중 + 지정 교사  select  distinct  c.class\_seq as "과정번호",  st.name as "교육생명",  st.tel as "전화번호",  st.attenddate as "등록일",  case  when lc.startclassdate <= sysdate and lc.finishclassdate >= sysdate and sgs.whether = 'N' then '진행중'  when sgs.whether = 'Y' then '중도탈락'  when lc.finishclassdate < sysdate and sgs.whether = 'N' then '수료'  when lc.startclassdate > sysdate then '진행예정'  end as "진행상태"  from tblsugang sg  inner join tblstudent st  on st.student\_seq = sg.student\_seq  inner join tbllclass lc  on lc.lclass\_seq = sg.lclass\_seq  inner join tblclass c  on c.class\_seq = lc.class\_seq  inner join tblsugangstate sgs  on sgs.sugang\_seq = sg.sugang\_seq  inner join tbllsubject ls  on ls.lclass\_seq = lc.lclass\_seq  inner join tblteacher t  on t.teacher\_seq = ls.teacher\_seq    where c.class\_seq = '101' -- 과정번호  and lc.startclassdate <= sysdate  and lc.finishclassdate >= sysdate  and ls.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927') -- 선생님  order by attenddate asc;  -- 5) 특정 과목 선택 쿼리  select  distinct st.name as "교육생명",  st.id as "아이디",  st.ssn as "주민번호",  st.tel as "전화번호",  st.attenddate as "등록일",  st.manager\_seq "매니저번호"  from tbllsubject ls  inner join tbllclass lc  on lc.lclass\_seq = ls.lclass\_seq  inner join tblsugang sg  on sg.lclass\_seq = lc.lclass\_seq  inner join tblstudent st  on st.student\_seq = sg.student\_seq  inner join tblclass c  on c.class\_seq = lc.class\_seq  inner join tbllsubject ls  on ls.lclass\_seq = lc.lclass\_seq  inner join tblteacher t  on t.teacher\_seq = ls.teacher\_seq  where ls.subject\_seq = 1 -- 과목번호 (선택)  and ls.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927') -- 선생님  order by "교육생명"; | | | |

| 요구사항번호 | C-03 | 작성일 | 2021-11-30 |
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| 요구사항명 |  | 작성자 | 이정현 |
| ANSI-SQL | | | |
| -- 1)배점 수정  update tblPoints set written = 30, practical = 20, pattendance =30 where points\_seq= 101;  -- 2) 강의를 마친 과목의 특정 과목 조회  select  sb.subject\_seq as "과목번호",  sb.name as "과목명",  ls.start\_date as "과목시작",  ls.end\_date as "과목종료",  c.name as "과정명",  lc.startclassdate as "개강",  lc.finishclassdate as "종강",  b.name as "교재명",  cr.classroom\_seq as "강의실",  p.written as "필기배점",  p.practical as "실기배점",  p.pattendance as "출결배점"    from tblsubject sb  inner join tbllsubject ls  on ls.subject\_seq = sb.subject\_seq  inner join tbllclass lc  on lc.lclass\_seq = ls.lclass\_seq  inner join tblteacher t  on t.teacher\_seq = ls.teacher\_seq  inner join tblclass c  on c.class\_seq = lc.class\_seq  inner join tblclassroom cr  on cr.classroom\_seq = lc.classroom\_seq  inner join tblbookname b  on b.bookname\_seq = ls.bookname\_seq  inner join tblpoints p  on p.subject\_seq = sb.subject\_seq  where ls.end\_date < sysdate and t.id = 'tpdls1990' and t.jumin = 1234927;  -- 3) 배점번호로 해당 강의중 종료된 과목 배점 정보 출력  select  p.points\_seq as "배점번호",  lc.lclass\_seq as "강의번호",  sb.name as "과목명",  p.written as "필기배점",  p.practical as "실기배점",  p.pattendance as "출결배점"    from tblsubject sb  inner join tbllsubject ls  on ls.subject\_seq = sb.subject\_seq  inner join tbllclass lc  on lc.lclass\_seq = ls.lclass\_seq  inner join tblteacher t  on t.teacher\_seq = ls.teacher\_seq  inner join tblpoints p  on p.subject\_seq = sb.subject\_seq  where ls.end\_date < sysdate  and t.id = 'mina1991'  and t.jumin = 2019572  and p.points\_seq = 30;  -- 4) 테스트 문제 추가  insert into tbltest values (105, '추가문제입니다.', '실기', 1); | | | |

| 요구사항 명 | C-04 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 성적 입출력 | 작성자 | 송준영 |
| DML | | | |
| ----------------------------------------------------------------------------- 과목 조회 -----------------------------------------------------------------------------  SELECT  distinct  u.subject\_seq,  b.name,  l.startclassdate || '~' || l.finishclassdate as lperiod,  r.name,  u.name,  j.start\_date || '~' || j.end\_date as jperiod,  n.name    FROM tblTestScore e  INNER JOIN tblTest t  ON t.test\_seq = e.test\_seq  INNER JOIN tblLSubject j  ON t.lsubject\_seq = j.lsubject\_seq  INNER JOIN tblSugang g  ON e.sugang\_seq = g.sugang\_seq  INNER JOIN tblStudent s  ON s.student\_seq = g.student\_seq  INNER JOIN tblSubject u  ON u.subject\_seq = j.subject\_seq  INNER JOIN tblTeacher c  ON c.teacher\_seq = j.teacher\_seq  INNER JOIN tbledu\_subsidy y  ON y.sugang\_seq = g.sugang\_seq  INNER JOIN tblLClass l  ON l.lclass\_seq = j.lclass\_seq  INNER JOIN tblClass b  ON b.class\_seq = l.class\_seq  INNER JOIN tblClassroom r  ON r.classroom\_seq = l.classroom\_seq  INNER JOIN tblBookName n  ON n.Bookname\_seq = j.bookname\_seq    WHERE 1=1  AND j.end\_Date < Sysdate -- 강의를 마친 과목에 대해서만 성적처리를 할 수 있다.  AND c.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927')  ORDER BY u.subject\_seq asc  ;  ----------------------------------------------------------------------------- 성적 조회 -----------------------------------------------------------------------------  SELECT  distinct  u.name,  j.lsubject\_seq,  s.name,  s.tel,  a.whether,  case  when a.whether = 'Y' then a.sugangstate\_date  end as wheterdate,  e.score,  t.question,  t.kind\_of,  ((SELECT count(\*) FROM tblattendence  WHERE tblattendence.attendence\_date BETWEEN '21/09/08' AND '21/11/05' AND sugang\_seq = 1)  \* 0.1) as attscore        FROM tblTestScore e  INNER JOIN tblTest t  ON t.test\_seq = e.test\_seq  INNER JOIN tblLSubject j  ON t.lsubject\_seq = j.lsubject\_seq  INNER JOIN tblSugang g  ON e.sugang\_seq = g.sugang\_seq  INNER JOIN tblStudent s  ON s.student\_seq = g.student\_seq  INNER JOIN tblSubject u  ON u.subject\_seq = j.subject\_seq  INNER JOIN tblTeacher c  ON c.teacher\_seq = j.teacher\_seq  INNER JOIN tbledu\_subsidy y  ON y.sugang\_seq = g.sugang\_seq  INNER JOIN tblLClass l  ON l.lclass\_seq = j.lclass\_seq  INNER JOIN tblClass b  ON b.class\_seq = l.class\_seq  INNER JOIN tblClassroom r  ON r.classroom\_seq = l.classroom\_seq  INNER JOIN tblBookName n  ON n.Bookname\_seq = j.bookname\_seq  INNER JOIN tblsugangstate a  ON a.sugang\_seq = g.sugang\_seq  WHERE 1=1  AND j.end\_Date < Sysdate -- 강의를 마친 과목에 대해서만 성적처리를 할 수 있다.  --AND c.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927')  --AND u.name like '자바'  --AND j.lsubject\_seq = 25  --AND t.kind\_of like '실기'  --AND s.name like '송준영'  ORDER BY s.name asc  ;  ----------------------------------------------------------------------------- 성적 입력 -----------------------------------------------------------------------------  INSERT INTO tbltestscore (TestScore\_Seq, Score, Testdate, Sugang\_seq, Test\_Seq)  Values ((select max(TestScore\_Seq) + 1 from tblTestScore), 50, sysdate, 1, 100); | | | |

| 요구사항 명 | C-05 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 출결관리 및 조회 | 작성자 | 송준영 |
| DML | | | |
| SELECT  distinct a.attendence\_date,  c.name,  s.name,  a.absence\_type  FROM tblattendence a  LEFT JOIN tblSugang g  ON a.sugang\_Seq = g.sugang\_Seq  LEFT JOIN tblStudent s  ON g.student\_Seq = s.student\_Seq  LEFT JOIN tblLClass l  ON l.LClass\_Seq = g.LClass\_seq  LEFT JOIN tblLsubject j  ON j.LClass\_Seq = l.Lclass\_Seq  LEFT JOIN tblTeacher t  ON t.Teacher\_Seq = j.Teacher\_Seq  LEFT JOIN tblClass c  ON c.Class\_Seq = l.Class\_Seq    WHERE 1=1  AND s.name like '%송준영%'  AND a.attendence\_date between to\_date(20210908,'yyyy/mm/dd') AND to\_date(20211207,'yyyy/mm/dd')  AND c.name like '%Java%'  AND t.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927')  ORDER BY a.attendence\_date asc  ; | | | |

| 요구사항 명 | C-06 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | Q&A 답변 | 작성자 | 송준영 |
| DML | | | |
| ----------------------------------------------------------------------------- Q&A 조회 -----------------------------------------------------------------------------  SELECT  s.name,  q.question,  q.questiondate,  t.name,  a.answer,  a.answerdate    FROM tblanswer a  INNER JOIN tblquestion q  ON a.question\_Seq = q.question\_seq  INNER JOIN tblTeacher t  ON t.teacher\_Seq = a.teacher\_seq  INNER JOIN tblsugang g  ON g.sugang\_seq = q.sugang\_seq  INNER JOIN tblStudent s  ON s.student\_Seq = g.student\_Seq  WHERE 1=1  AND t.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927')  AND a.answerdate between to\_date(20210908,'yyyy-mm-dd') AND to\_date(20211207,'yyyy-mm-dd')  AND s.name like '%송준영%'  ;  ----------------------------------------------------------------------------- Q&A 답변 -----------------------------------------------------------------------------  INSERT INTO tblanswer (answer\_seq, answer, answerdate, Teacher\_Seq, question\_seq)  Values ((select max(answer\_seq) + 1 from tblanswer), ‘답변’, sysdate, (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927'), 100); | | | |

| 요구사항 명 | C-07 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 교육생 조회 | 작성자 | 송준영 |
| DML | | | |
| SELECT  s.name,  p.Education,  p.Certificate    FROM tblStudentSpec p  LEFT JOIN tblStudent s  ON p.student\_Seq = s.student\_Seq  WHERE 1=1  AND s.name like '%송준영%'  ; | | | |

| 요구사항 명 | C-08 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 월급 조회 | 작성자 | 송준영 |
| DML | | | |
| SELECT  t.Name,  s.Period,  s.Salary    FROM tblsalary s  LEFT JOIN tblTeacher t  ON s.Teacher\_Seq = t.Teacher\_Seq  WHERE 1=1  AND s.Period BETWEEN 1 AND 12  AND t.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927')  ; | | | |

| 요구사항 명 | C-09 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 대면/비대면 업무 등록 및 조회 | 작성자 | 송준영 |
| DML | | | |
| ---------------------------------------------------------------------------- 대면여부 조회 ----------------------------------------------------------------------------  SELECT  c.attendance,  t.name,  c.facetoface    FROM tblCovidT c  LEFT JOIN tblTeacher t  ON c.Teacher\_Seq = t.Teacher\_Seq    WHERE 1=1  AND t.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927')  AND c.attendance between sysdate and sysdate+7  ;  --------------------------------------------------------------------------- 대면여부 변경 ---------------------------------------------------------------------------  update tblcovidt set facetoface = ‘N’  where teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927')  and attendance = ‘21/12/07’; | | | |

| 요구사항 명 | C-10 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 교육생 취업관리 | 작성자 | 송준영 |
| DML | | | |
| SELECT  s.name,  w.basicpay \* 12,  w.city  FROM tblWishJob w  LEFT JOIN tblstudent s  ON w.student\_Seq = s.Student\_Seq  WHERE 1=1  AND w.city like '%강서%'  AND s.name like '%송준영%'  ; | | | |

| 요구사항 명 | C-11 교육생 팀편성 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 교사는 교육생들의 팀을 편성 하고 등록 할 수 있다. | 작성자 | 황현우 |
| DML | | | |
| select  DISTINCT(s.name),  su.sugang\_seq,  team.team  from tbllsubject lsub inner join tblteacher t on lsub.teacher\_seq = t.teacher\_seq  inner join tbllclass lc on lsub.lclass\_seq = lc.class\_seq  inner join tblsugang su on su.lclass\_seq = lc.class\_seq  inner join tblstudent s on s.student\_seq = su.student\_seq  left outer join tblteam team on team.sugang\_seq = su.sugang\_seq  where t.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927'); -- 현재 로그인된 교사의 개설 과정을 수강 중인 학생중 팀 구성이 완료된 학생정보  --1 번에 존재하지만 2 번에 존재하지 않으면 팀 편성이 안된 학생임. 번호를 참고해서 팀편성  -- 수정  UPDATE tblteam set team = 10 WHERE sugang\_seq in(3,4,5,6,1,2);  -- 삭제  delete from tblteam where sugang\_seq in(3,4,5,6,1,2);  -- 5명 10번팀으로 추가  insert into tblTeam VALUES ((select team\_seq+1 from(select team\_seq from tblteam order by team\_seq desc) where rownum = 1),10,1);  insert into tblTeam VALUES ((select team\_seq+1 from(select team\_seq from tblteam order by team\_seq desc) where rownum = 1),10,2);  insert into tblTeam VALUES ((select team\_seq+1 from(select team\_seq from tblteam order by team\_seq desc) where rownum = 1),10,3);  insert into tblTeam VALUES ((select team\_seq+1 from(select team\_seq from tblteam order by team\_seq desc) where rownum = 1),10,4);  insert into tblTeam VALUES ((select team\_seq+1 from(select team\_seq from tblteam order by team\_seq desc) where rownum = 1),10,5); | | | |

| 요구사항 명 | C-12 상담 신청자 조회 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 교육생의 상담 신청 현황을 확인한다. | 작성자 | 황현우 |
| DML | | | |
| select  DISTINCT(con.counsel\_date),  s.name as "이름",  c.name as "과정명",  lc.classroom\_seq as "강의실",  con.purpose as "상담 신청 내용"  from tbllsubject lsub inner join tblteacher t on lsub.teacher\_seq = t.teacher\_seq  inner join tbllclass lc on lsub.lclass\_seq = lc.class\_seq  inner join tblsugang su on su.lclass\_seq = lc.class\_seq  inner join tblstudent s on s.student\_seq = su.student\_seq  inner join tblCounsel con on con.sugang\_seq = su.sugang\_seq  inner join tblClass c on c.class\_seq = lc.class\_seq  where con.target = '선생님' and  t.teacher\_seq = (select teacher\_seq from tblteacher where id = 'tpdls1990' and jumin = '1234927')  order by con.counsel\_date ; -- 현재 로그인된 교사의 개설 과정을 수강 중인 학생의 상담내역 확인 | | | |

| 요구사항 명 | D-01 계정 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 교육생은 기본 정보 조회 기능을 이용할 수 있다. | 작성자 | 황현우 |
| DML | | | |
| select  student.name as "이름",  student.id as "아이디",  student.ssn as "주민번호",  student.tel as "전화번호",  student.attenddate as "회원가입일",  stuspec.education as "최종 학력",  stuspec.certificate as "자격증",  wish.city as "희망 지역",  wish.basicpay as "희망 월급"  from tblstudent student inner join tblstudentspec stuSpec on student.student\_seq = stuspec.student\_seq  inner join tblwishjob wish on wish.student\_seq = student.student\_seq  where student.student\_seq = (select  student\_seq  from tblstudent  where id = 'qrs102' and substr(ssn,7) = '2325740');  -- 현재 수강중인 과정 및 과정명 ,담당 교사 ,기간 등 확인.  select  student.name as "이름",  class.name as "과정명",  sub.name as "과목명",  book.name as "교재명",  lsub.start\_date as "과목 시작날짜",  lsub.end\_date as "과목 종료날짜",  room.name as "강의실",  teacher.name as "담당 선생님 이름"  from tblstudent student  inner join tblsugang sugang on student.student\_seq = sugang.student\_seq  inner join tbllclass lclass on lclass.lclass\_seq = sugang.lclass\_seq  inner join tblclass class on class.class\_seq = lclass.class\_seq  inner join tbllsubject lsub on lsub.lclass\_seq = lclass.lclass\_seq  inner join tblsubject sub on sub.subject\_seq = lsub.subject\_seq  inner join tblbookname book on book.bookname\_seq = lsub.bookname\_seq  inner join tblclassroom room on room.classroom\_seq = lclass.classroom\_seq  inner join tblteacher teacher on teacher.teacher\_seq = lsub.teacher\_seq  where student.student\_seq = (select  student\_seq  from tblstudent  where id = 'qrs102' and substr(ssn,7) = '2325740'); | | | |

| 요구사항 명 | D-02 성적 조회 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 과정을 클릭하면 교육생의 성적을 확인할 수 있다. | 작성자 | 황현우 |
| DML | | | |
| select  c.name as "과정명",  s.name as "과목명",  ls.start\_date as "과목 시작 날짜",  ls.end\_date as "과목 종료 날짜",  room.name as "강의실"  from tblstudent stu inner join tblsugang su on stu.student\_seq = su.student\_seq  inner join tbllclass lc on lc.lclass\_seq = su.lclass\_seq  inner join tblclass c on c.class\_seq = lc.class\_seq  inner join tbllsubject ls on ls.lclass\_seq = lc.lclass\_seq  inner join tblsubject s on s.subject\_seq = ls.subject\_seq  inner join tblclassroom room on room.classroom\_seq = lc.classroom\_seq  where stu.student\_seq = (select student\_seq from tblstudent where id = 'qrs102' and substr(ssn,7) = '2325740');  -- 2.전체 시험 정보 조회  select  stu.name as "이름",  c.name as "과정명",  s.name as "과목명",  ls.start\_date as "과목 시작 날짜",  ls.end\_date as "과목 종료 날짜",  b.name as "책 이름",  t.name as "선생님 이름",  test.kind\_of as "시험 종류",  ts.score as "점수",  (select (select count(distinct attendence\_date) from tblattendence where sugang\_seq = su.sugang\_seq and absence\_type = '정상')/  (select count(attendence\_date) from tblattendence where sugang\_seq = su.sugang\_seq) \* 20  from dual)as "출석 점수",  ts.testdate as "시험 날짜",  test.question as "시험 문제"  from tblstudent stu inner join tblsugang su on stu.student\_seq = su.student\_seq  inner join tbllclass lc on lc.lclass\_seq = su.lclass\_seq  inner join tblclass c on c.class\_seq = lc.class\_seq  inner join tbllsubject ls on ls.lclass\_seq = lc.lclass\_seq  inner join tblsubject s on s.subject\_seq = ls.subject\_seq  inner join tblbookname B on b.bookname\_seq = ls.bookname\_seq  inner join tblteacher T on t.teacher\_seq = ls.teacher\_seq  inner join tbltest test on test.lsubject\_seq = ls.lsubject\_seq  left outer join tbltestscore ts on ts.test\_seq=test.test\_seq and ts.sugang\_seq = su.sugang\_seq  where su.sugang\_seq = (select student\_seq from tblstudent where id = 'qrs102' and substr(ssn,7) = '2325740');    -- 3.과목 선택 후 점수 조회시  select  stu.name as "이름",  c.name as "과정명",  s.name as "과목명",  ls.start\_date as "과목 시작 날짜",  ls.end\_date as "과목 종료 날짜",  b.name as "책 이름",  t.name as "선생님 이름",  test.kind\_of as "시험 종류",  ts.score as "점수",  (select (select count(distinct attendence\_date) from tblattendence where sugang\_seq = su.sugang\_seq and absence\_type = '정상')/  (select count(attendence\_date) from tblattendence where sugang\_seq = su.sugang\_seq) \* 20  from dual)as "출석 점수",  ts.testdate as "시험 날짜",  test.question as "시험 문제"  from tblstudent stu inner join tblsugang su on stu.student\_seq = su.student\_seq  inner join tbllclass lc on lc.lclass\_seq = su.lclass\_seq  inner join tblclass c on c.class\_seq = lc.class\_seq  inner join tbllsubject ls on ls.lclass\_seq = lc.lclass\_seq  inner join tblsubject s on s.subject\_seq = ls.subject\_seq  inner join tblbookname B on b.bookname\_seq = ls.bookname\_seq  inner join tblteacher T on t.teacher\_seq = ls.teacher\_seq  inner join tbltest test on test.lsubject\_seq = ls.lsubject\_seq  left outer join tbltestscore ts on ts.test\_seq=test.test\_seq and ts.sugang\_seq = su.sugang\_seq  where su.sugang\_seq = (select student\_seq from tblstudent where id = 'qrs102' and substr(ssn,7) = '2325740')  and s.name = '자바'; | | | |

| 요구사항 명 | D-03 출결 | 작성일 | 2021-12-07 |
| --- | --- | --- | --- |
| System | 매일 근태 관리를 기록할 수 있어야 한다. | 작성자 | 황현우 |
| DML | | | |
| select  stu.name,  at.attendence\_date,  at.absence\_type,  to\_char(at.gotowork , 'HH24:mi') as gotowork,  to\_char(at.offwork , 'HH24:mi') as offwork  from tblstudent stu inner join tblsugang su on stu.student\_seq =su.student\_seq  inner join tblattendence at on at.sugang\_seq = su.sugang\_seq  where stu.student\_seq = (select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740'); -- 로그인 후 학생 번호를 돌려주는 쿼리  -- 2. 본인 출결 년도별조회  select  stu.name,  at.attendence\_date,  at.absence\_type,  to\_char(at.gotowork , 'HH24:mi') as gotowork,  to\_char(at.offwork , 'HH24:mi') as offwork  from tblstudent stu inner join tblsugang su on stu.student\_seq =su.student\_seq  inner join tblattendence at on at.sugang\_seq = su.sugang\_seq  where TO\_char(at.attendence\_date,'yyyy') = '2021'and  stu.student\_seq = (select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740'); -- 로그인 후 학생 번호를 돌려주는 쿼리  -- 3. 본인 출결 월조회  select  stu.name,  at.attendence\_date,  at.absence\_type,  to\_char(at.gotowork , 'HH24:mi') as gotowork,  to\_char(at.offwork , 'HH24:mi') as offwork  from tblstudent stu inner join tblsugang su on stu.student\_seq =su.student\_seq  inner join tblattendence at on at.sugang\_seq = su.sugang\_seq  where TO\_char(at.attendence\_date,'mm') = '09'and  stu.student\_seq = (select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740'); -- 로그인 후 학생 번호를 돌려주는 쿼리  -- 4. 본인 출결 특정 일 조회  select  stu.name,  at.attendence\_date,  at.absence\_type,  to\_char(at.gotowork , 'HH24:mi') as gotowork,  to\_char(at.offwork , 'HH24:mi') as offwork  from tblstudent stu inner join tblsugang su on stu.student\_seq =su.student\_seq  inner join tblattendence at on at.sugang\_seq = su.sugang\_seq  where TO\_char(at.attendence\_date,'yyyy-mm-dd') = '2021-12-03'and  stu.student\_seq = (select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740'); -- 로그인 후 학생 번호를 돌려주는 쿼리  -- 5 출결 입력  --'정상', '지각', '조퇴', '외출', '병가', '기타'  -- 출근 쿼리  insert into tblAttendence(Attendence\_Seq, absence\_type, Attendence\_Date, Sugang\_Seq , GoTowork)  select  (select \* from (select attendence\_seq from tblAttendence order by attendence\_seq desc) where rownum =1)+1,  case  when to\_char(sysdate , 'HH24:MM')> '09:00' then '지각'  when to\_char(sysdate , 'HH24:MM')< '09:00' then '기타'  end,  to\_char(sysdate , 'yyyy-mm-dd'),  su.sugang\_seq,  sysdate  from tblsugang su  where su.student\_seq = ( select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740') ;  -- 퇴근 쿼리  update tblAttendence set offwork = sysdate,  absence\_type = ( select  case  when ABSENCE\_TYPE = '지각' then '지각'  when to\_char(sysdate , 'HH24:MM')< '18:00' then '조퇴'  when to\_char(sysdate , 'HH24:MM')> '18:00' then '정상'  end  from tblAttendence  where ATTENDENCE\_SEQ = (select  \*  from (select  ATTENDENCE\_SEQ  from tblsugang s inner join tblAttendence a on s.sugang\_seq = a.sugang\_seq  where student\_seq = ( select  stu.student\_seq  from tblstudent stu  where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740')  order by attendence\_seq desc)  where rownum =1)) -- 수정해야될 행의 출근시간 참조  where ATTENDENCE\_SEQ = (select  \*  from (select  ATTENDENCE\_SEQ  from tblsugang s inner join tblAttendence a on s.sugang\_seq = a.sugang\_seq  where student\_seq = ( select  stu.student\_seq  from tblstudent stu  where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740')  order by attendence\_seq desc)  where rownum =1); -- 로그인 한 학생이 마지막에 남김 정보 | | | |

| 요구사항 명 | D-04 Q&A 작성 | 작성일 | 2021-12-07 |
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| System | 교육생이 질문을 남기고, 조회할 수 있다. | 작성자 | 황현우 |
| DML | | | |
| insert into tblquestion (question\_seq,question,sugang\_seq)  select  (select question\_SEQ from (select question\_SEQ from tblquestion order by question\_seq desc) where rownum =1)+1,  '질문이 있어요!!!!!!!!!!!!!!!!!!!',  su.sugang\_seq  from tblsugang su  where sugang\_seq = (select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740');  -- 2. 조회  select  q.questiondate as "질문 날짜",  q.question as "질문",  case  when a.answerdate is null then 'null'  when a.answerdate is not null then to\_char(a.answerdate,'yyyy-mm-dd')  end as "답변 날짜",  case  when a.answerdate is null then '답변이 등록되지 않은 질문 입니다.'  else a.answer  end as "답변"  from tblSugang sugang inner join tblquestion Q on sugang.sugang\_seq = q.sugang\_seq  left outer join tblanswer A on q.question\_seq = A.question\_seq  where sugang.student\_seq = (select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740'); -- 로그인 후 학생 번호를 돌려주는 쿼리 | | | |

| 요구사항 명 | D-05 상담 신청 | 작성일 | 2021-12-07 |
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| System | 교육생이 관리자 또는 선생님에게 상담을 신청할 수 있다. | 작성자 | 황현우 |
| DML | | | |
| insert into tblCounsel  select  (select counsel\_seq from(select \* from tblCounsel order by counsel\_seq desc) where rownum = 1)+1,  '선생님',  '테스트 상담 테스트',  sysdate,  su.sugang\_seq ,  t.teacher\_seq,  m.manager\_seq  from tblsugang su inner join tbllclass lc on su.lclass\_seq = lc.lclass\_seq  inner join tbllsubject ls on ls.lclass\_seq = lc.lclass\_seq  inner join tblteacher t on t.teacher\_seq = ls.teacher\_seq  inner join tblstudent stu on stu.student\_seq = su.student\_seq  inner join tblmanager m on m.manager\_seq = stu.manager\_seq  where rownum =1 and su.student\_seq = (select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740');  -- 2. 관리자 상담신청  insert into tblCounsel  select  (select counsel\_seq from(select \* from tblCounsel order by counsel\_seq desc) where rownum = 1)+1,  '관리자',  '테스트 상담 테스트',  sysdate,  su.sugang\_seq ,  t.teacher\_seq,  m.manager\_seq  from tblsugang su inner join tbllclass lc on su.lclass\_seq = lc.lclass\_seq  inner join tbllsubject ls on ls.lclass\_seq = lc.lclass\_seq  inner join tblteacher t on t.teacher\_seq = ls.teacher\_seq  inner join tblstudent stu on stu.student\_seq = su.student\_seq  inner join tblmanager m on m.manager\_seq = stu.manager\_seq  where rownum =1 and su.student\_seq = (select stu.student\_seq from tblstudent stu where stu.id = 'qrs102' and substr(stu.ssn,7) = '2325740');  select \* from tblCounsel where sugang\_seq = 6;--test | | | |

| 요구사항 명 | D-06 교사 평가 조회 및 조회 | 작성일 | 2021-11-29 |
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| System | 본인의 담당 교사의 평가를 **조회**할 수 있는 쿼리입니다. | 작성자 | 엄윤섭 |
| Query | | | |
| select  a.contents,  a.regdate  from tblsugang s  inner join tblassessment a on a.sugang\_seq = s.sugang\_seq  where a.teacher\_seq =  (select distinct teacher\_seq from tblassessment a inner join tblsugang s on a.sugang\_seq = s.sugang\_seq  where s.sugang\_seq = (select sugang\_seq from tblsugang where student\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158'))) and    a.regdate > (select student.attenddate from tblsugang sugang  inner join tblstudent student on sugang.student\_seq = student.student\_seq  where sugang.sugang\_seq = (select sugang\_seq from tblsugang  where student\_seq = (select sugang\_seq from tblsugang  where student\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158')))); | | | |

| 요구사항 명 | D-06 교사 평가 조회 및 작성 | 작성일 | 2021-11-29 |
| --- | --- | --- | --- |
| System | 본인의 담당 교사의 평가를 **작성**할 수 있는 쿼리입니다. | 작성자 | 엄윤섭 |
| Query | | | |
| select  a.contents,  a.regdate  from tblsugang s  inner join tblassessment a on a.sugang\_seq = s.sugang\_seq  where a.teacher\_seq =  (select distinct teacher\_seq from tblassessment a inner join tblsugang s on a.sugang\_seq = s.sugang\_seq  where s.sugang\_seq = (select sugang\_seq from tblsugang where student\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158'))) and    a.regdate > (select student.attenddate from tblsugang sugang  inner join tblstudent student on sugang.student\_seq = student.student\_seq  where sugang.sugang\_seq = (select sugang\_seq from tblsugang  where student\_seq = (select sugang\_seq from tblsugang  where student\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158')))); | | | |

| 요구사항 명 | D-07 코로나 대면 비대면 등록 및 조회(교육생) | 작성일 | 2021-11-29 |
| --- | --- | --- | --- |
| System | 코로나 대면 비대면 조회 | 작성자 | 엄윤섭 |
| Query | | | |
| select \* from tblcovids  where sugang\_seq = (select sugang\_seq from tblsugang where student\_seq =  (select student\_seq from tblstudent stu where id = 'abc007' and substr(stu.ssn,7) = '1115158'))  and attendance between sysdate and sysdate+7; | | | |

| 요구사항 명 | D-07 코로나 대면 비대면 등록 및 조회(교육생) | 작성일 | 2021-11-29 |
| --- | --- | --- | --- |
| System | 코로나 대면 비대면 등록 | 작성자 | 엄윤섭 |
| Query | | | |
| update tblcovids set facetoface = 'Y' where sugang\_seq = (select sugang\_seq from tblsugang where student\_seq =  (select student\_seq from tblstudent stu where id = 'abc007' and substr(stu.ssn,7) = '1115158')) and attendance = '21/12/03'; | | | |

| 요구사항 명 | D-08 교육지원금 조회 | 작성일 | 2021-11-29 |
| --- | --- | --- | --- |
| System | 단위 기간별로 교육지원금을 조회하는 쿼리입니다. | 작성자 | 엄윤섭 |
| Query | | | |
| select \* from tblcovids  where sugang\_seq = (select sugang\_seq from tblsugang where student\_seq =  (select student\_seq from tblstudent stu where id = 'abc007' and substr(stu.ssn,7) = '1115158'))  and attendance between sysdate and sysdate+7; | | | |

| 요구사항 명 | D-09 반 등수 조회 | 작성일 | 2021-11-29 |
| --- | --- | --- | --- |
| System | 본인이 속해있는 반에서 본인의 등수를 확인하는 쿼리입니다. | 작성자 | 엄윤섭 |
| Query | | | |
| select  a.sugang\_seq,  floor(sum(b.score) / 4 \* 0.8 / count(distinct c.attendence\_date))  + (select (select count(distinct attendence\_date) from tblattendence where sugang\_seq = 1 and absence\_type = '정상')/  (select count(attendence\_date) from tblattendence where sugang\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158')) \* 20 from dual) as 연산후점수  from tblsugang a  inner join tbltestscore b on a.sugang\_seq = b.sugang\_seq  inner join tblattendence c on a.sugang\_seq = c.sugang\_seq  group by a.sugang\_seq  having a.sugang\_seq between 1 and 6; | | | |

| 요구사항 명 | D-10 프로젝트 공고 모집 | 작성일 | 2021-11-29 |
| --- | --- | --- | --- |
| System | 프로젝트를 함꼐 진행할 사람들을 모집하는 공고문을 올릴 수 있는 쿼리입니다. | 작성자 | 엄윤섭 |
| Query | | | |
| insert into tblproboard values (  (select max(proboard\_seq+1) from tblproboard),  '파파고 굿굿',  '파파고 번역기의 기능을 자바로 그대로 구현하는 프로젝트입니다.',  '2022-02-03', -- 마감기한  5, -- 인원  'lh0156@naver.com',  (select sugang\_seq from tblsugang  where student\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158')));  select sugang\_seq from tblsugang  where student\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158'); | | | |

| 요구사항 명 | D-11 기수별 게시판 | 작성일 | 2021-11-29 |
| --- | --- | --- | --- |
| System | 같은 기수끼리 소통할 수 있는 게시판을 조회할 수 있는 쿼리입니다. | 작성자 | 엄윤섭 |
| Query | | | |
| select \* from tblgisuboard  where sugang\_seq between (select min(sugang\_seq) from tblsugang  where lclass\_seq = (select lclass\_seq from tblsugang  where sugang\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158'))) and  (select max(sugang\_seq) from tblsugang  where lclass\_seq = (select lclass\_seq from tblsugang  where sugang\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158'))); | | | |

| 요구사항 명 | D-11 기수별 게시판 | 작성일 | 2021-11-29 |
| --- | --- | --- | --- |
| System | 같은 기수끼리 소통할 수 있는 게시판에 게시글을 등록 할 수 있는 쿼리입니다. | 작성자 | 엄윤섭 |
| Query | | | |
| insert into tblgisuboard values ((select max(gisuboard\_seq+1) from tblgisuboard),  '어제 상사랑 회식했는데 기억이 없습니다..',  sysdate,  (select sugang\_seq from tblsugang  where student\_seq = (select student\_seq from tblstudent stu  where id = 'abc007' and substr(stu.ssn,7) = '1115158'))); | | | |