**제 7 장 데이터베이스 명세서**

**제 1 절 데이터베이스 정보**

**1. 데이터베이스 정보**

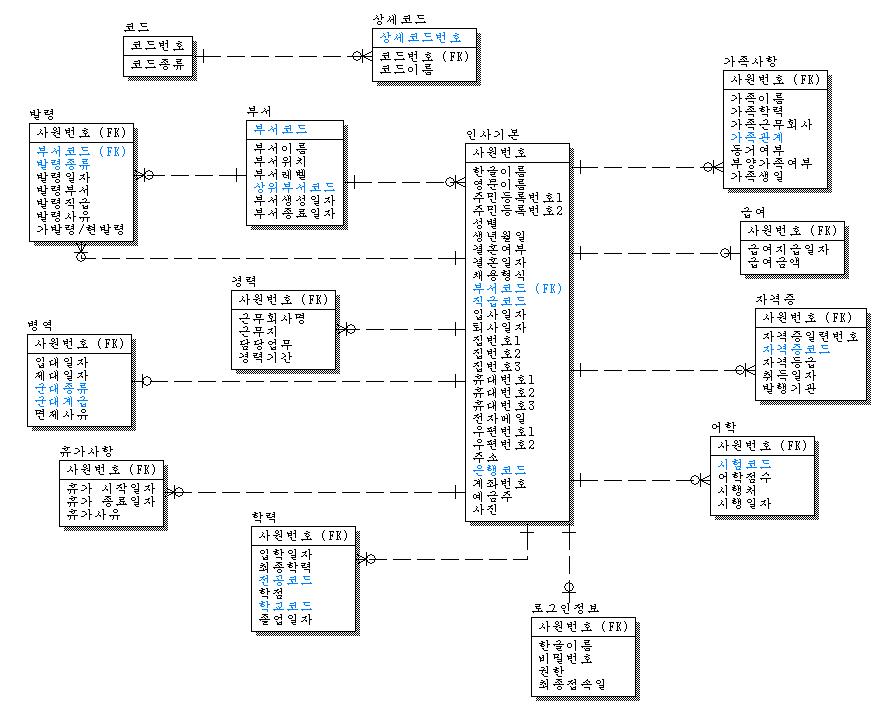
|  |  |
| --- | --- |
| **이 름** | **정 보** |
| DBMS | Oracle Standard Edition |
| 데이터베이스 | dboracle |
| Protocol | TCP |
| 표준 호스트 번호 | 1521 |
| 호스트 | dboracle.cue0lpn1hsuj.ap-northeast-2.rds.amazonaws.com |

2. 데이터베이스 접속 정보

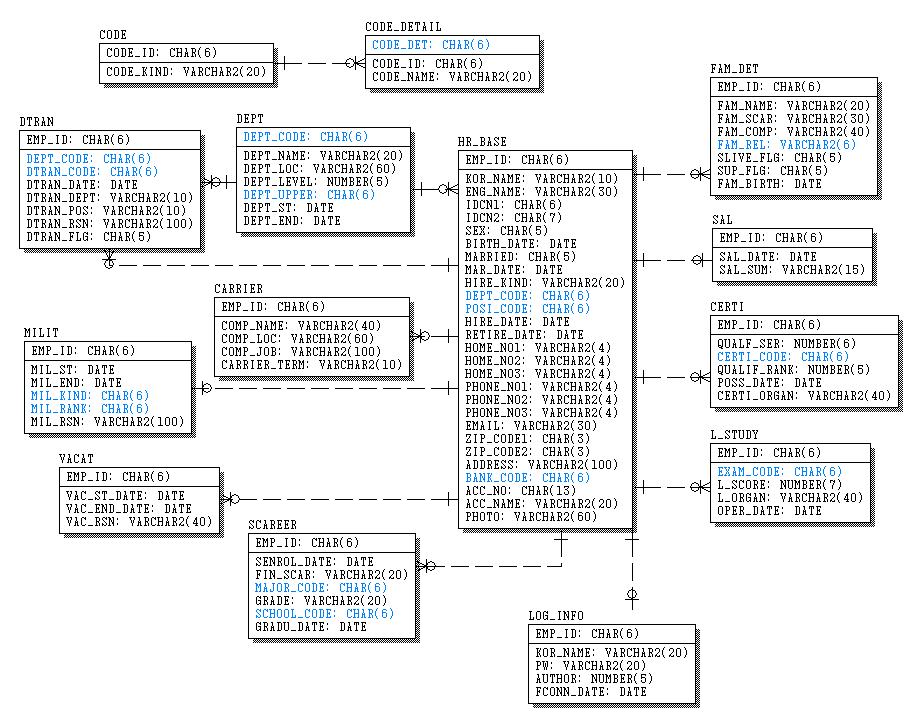
|  |  |  |
| --- | --- | --- |
| **서비스 이름** | **Host(Server)** | **ID/Password** |
| dboracle | dboracle.cue0lpn1hsuj.ap-northeast-2.rds.amazonaws.com | phoresis92 / 12341234 |

**제 2 절 정보 구조**

**1.E-R Diagram**

****

**(그림 7-1) Logical**



(그림 7-2) Physical

2. Table List

|  |  |  |
| --- | --- | --- |
| **Table List** | **Table명** | **설명** |
| approval | 전자결재 |
| approval\_auth | 결재상태 코드 |
| approval\_cate | 전자결재 종류 |
| apv\_payment | 지출결재 데이터 |
| calendar | 일정 |
| calendar\_cate | 일정종류 |
| commuting | 근태 |
| department | 부서 종류 |
| email | 가입용 이메일 |
| email\_account | 업무용 이메일 |
| member | 사원정보 |
| member\_deposit | 사원 계좌 |
| rank | 직급 |
| tbl\_board | 게시판 |
| tbl\_boardfile | 게시판 파일 |
| tbl\_boardreply | 게시판 댓글 |

3. Table 생성 & DDL

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | **KITWARE** | | | **페이지** | | **1** | |
| 테이블 ID | | APPROVAL | | | 테이블 명 | | 전자결재 | |
| 순번 | 한글명 | 영문명 | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 결재번호 | APPROVAL\_ID | NUMBER | 11 | NOT |  |  |  |
| 2 | 결재종류 | APPROVAL\_CATE | NUMBER | 3 | NOT |  |  | YES |
| 3 | 작성자 | APPROVAL\_MEMBER\_ID | VARCHAR2 | 20 | NOT |  |  | YES |
| 4 | 1차 결재자 | APPROVAL\_MEM1 | VARCHAR2 | 20 |  |  |  |  |
| 5 | 2차 결재자 | APPROVAL\_MEM2 | VARCHAR2 | 20 |  |  |  |  |
| 6 | 3차 결재자 | APPROVAL\_MEM3 | VARCHAR2 | 20 |  |  |  |  |
| 7 | 1차 결재상태 | APPROVAL\_AUTH1 | NUMBER | 1 |  |  |  | YES |
| 8 | 2차 결재상태 | APPROVAL\_AUTH2 | NUMBER | 1 |  |  |  | YES |
| 9 | 3차 결재상태 | APPROVAL\_AUTH3 | NUMBER | 1 |  |  |  | YES |
| 10 | 결재 제목 | APPROVAL\_TITLE | VARCHAR2 | 500 | NOT |  |  |  |
| 11 | 결재 내용 | APPROVAL\_CONTENT | CLOB |  | NOT |  |  |  |
| 12 | 결재 파일경로 | APPROVAL\_FILEPATH | VARCHAR2 | 1000 |  |  |  |  |
| 13 | 결재 파일명 | APPROVAL\_FILENAME | VARCHAR2 | 1000 |  |  |  |  |
| 14 | 반려사유 | APPROVAL\_RETURN | VARCHAR2 | 1000 |  |  |  |  |
| 15 | 작성일 | APPROVAL\_INDATE | DATE |  |  | sysdate |  |  |
| 16 | 결재 시작일 | APPROVAL\_STARTDATE | DATE |  |  |  |  |  |
| 17 | 결재 종료일 | APPROVAL\_ENDDATE | DATE |  |  |  |  |  |
| 18 | 1차 결재일 | APPROVAL\_AUTH\_DATE1 | DATE |  |  |  |  |  |
| 19 | 2차 결재일 | APPROVAL\_AUTH\_DATE2 | DATE |  |  |  |  |  |
| 20 | 3차 결재일 | APPROVAL\_AUTH\_DATE3 | DATE |  |  |  |  |  |
| 21 | 결재 코멘트 | APPROVAL\_CC | VARCHAR2 | 1000 |  |  |  |  |
| 기본키 | | | | | | | | |
| APPROVAL\_ID (결재 번호) | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."APPROVAL"  ( "APPROVAL\_ID" NUMBER,  "APPROVAL\_CATE" NUMBER(3,0) NOT NULL ENABLE,  "APPROVAL\_MEMBER\_ID" VARCHAR2(20 BYTE) NOT NULL ENABLE,  "APPROVAL\_MEM1" VARCHAR2(20 BYTE),  "APPROVAL\_MEM2" VARCHAR2(20 BYTE),  "APPROVAL\_MEM3" VARCHAR2(20 BYTE),  "APPROVAL\_AUTH1" NUMBER(1,0),  "APPROVAL\_AUTH2" NUMBER(1,0),  "APPROVAL\_AUTH3" NUMBER(1,0),  "APPROVAL\_TITLE" VARCHAR2(500 BYTE) NOT NULL ENABLE,  "APPROVAL\_CONTENT" CLOB NOT NULL ENABLE,  "APPROVAL\_FILEPATH" VARCHAR2(1000 BYTE),  "APPROVAL\_FILENAME" VARCHAR2(1000 BYTE),  "APPROVAL\_RETURN" VARCHAR2(1000 BYTE),  "APPROVAL\_INDATE" DATE DEFAULT sysdate,  "APPROVAL\_ENDDATE" DATE,  "APPROVAL\_CC" VARCHAR2(1000 BYTE),  "APPROVAL\_AUTH\_DATE1" DATE,  "APPROVAL\_AUTH\_DATE2" DATE,  "APPROVAL\_AUTH\_DATE3" DATE,  "APPROVAL\_STARTDATE" DATE,  PRIMARY KEY ("APPROVAL\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE,  CONSTRAINT "APPROVAL\_CATE\_FK" FOREIGN KEY ("APPROVAL\_CATE")  REFERENCES "PHORESIS92"."APPROVAL\_CATE" ("APV\_CATE\_ID") ON DELETE CASCADE ENABLE,  CONSTRAINT "APPROVAL\_AUTH1\_FK" FOREIGN KEY ("APPROVAL\_AUTH1")  REFERENCES "PHORESIS92"."APPROVAL\_AUTH" ("APV\_AUTH\_ID") ON DELETE CASCADE ENABLE,  CONSTRAINT "APPROVAL\_AUTH2\_FK" FOREIGN KEY ("APPROVAL\_AUTH2")  REFERENCES "PHORESIS92"."APPROVAL\_AUTH" ("APV\_AUTH\_ID") ON DELETE CASCADE ENABLE,  CONSTRAINT "APPROVAL\_AUTH3\_FK" FOREIGN KEY ("APPROVAL\_AUTH3")  REFERENCES "PHORESIS92"."APPROVAL\_AUTH" ("APV\_AUTH\_ID") ON DELETE CASCADE ENABLE,  CONSTRAINT "APPROVAL\_MEMBER\_ID\_FK" FOREIGN KEY ("APPROVAL\_MEMBER\_ID")  REFERENCES "PHORESIS92"."MEMBER" ("MEMBER\_ID") ON DELETE CASCADE ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS"  LOB ("APPROVAL\_CONTENT") STORE AS BASICFILE (  TABLESPACE "USERS" ENABLE STORAGE IN ROW CHUNK 8192 RETENTION  NOCACHE LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)) ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **2** | |
| 테이블 ID | | | APPROVAL\_AUTH | | | 테이블 명 | | 결재상태 코드 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 결재상태  번호 | APV\_AUTH\_ID | | NUMBER | 1 | NOT |  |  |  |
| 2 | 결재상태 이름 | APV\_AUTH\_NAME | | VARCHAR2 | 30 | NOT |  |  |  |
| 기본키 | | | | | | | | | |
| APV\_AUTH\_ID (결재상태 번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."APPROVAL\_AUTH"  ( "APV\_AUTH\_ID" NUMBER(1,0),  "APV\_AUTH\_NAME" VARCHAR2(30 BYTE) NOT NULL ENABLE,  PRIMARY KEY ("APV\_AUTH\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **3** | |
| 테이블 ID | | | APPROVAL\_CATE | | | 테이블 명 | | 전자결재 종류 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 결재종류 번호 | APV\_CATE\_ID | | NUMBER | 3 | NOT |  |  |  |
| 2 | 결재종류 이름 | APV\_CATE\_NAME | | VARCHAR2 | 50 | NOT |  |  |  |
| 기본키 | | | | | | | | | |
| APV\_CATE\_ID (결재종류 번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."APPROVAL\_CATE"  ( "APV\_CATE\_ID" NUMBER(3,0),  "APV\_CATE\_NAME" VARCHAR2(50 BYTE) NOT NULL ENABLE,  PRIMARY KEY ("APV\_CATE\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **4** | |
| 테이블 ID | | | APV\_PAYMENT | | | 테이블 명 | | 지출결재 데이터 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 지출 번호 | PAY\_ID | | NUMBER |  | NOT |  |  |  |
| 2 | 결재번호 | APPROVAL\_ID | | NUMBER |  | NOT |  |  | YES |
| 3 | 지출일 | PAY\_DATE | | DATE |  | NOT |  |  |  |
| 4 | 지출명 | PAY\_TITLE | | NUMBER | 2 | NOT |  |  |  |
| 5 | 지출금액 | PAY\_CASH | | NUMBER |  | NOT |  |  |  |
| 6 | 환급은행 | PAY\_BANK | | NUMBER | 1 | NOT |  |  |  |
| 7 | 환급계좌 | PAY\_DEPOSIT | | NUMBER |  | NOT |  |  |  |
| 8 | 계좌주명 | PAY\_DPOWNER | | VARCHAR2 | 10 | NOT |  |  |  |
| 9 | 비고 | PAY\_COMMENT | | VARCHAR2 | 500 |  |  |  |  |
| 기본키 | | | | | | | | | |
| PAY\_ID (지출 번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."APV\_PAYMENT"  ( "PAY\_ID" NUMBER,  "APPROVAL\_ID" NUMBER NOT NULL ENABLE,  "PAY\_DATE" DATE NOT NULL ENABLE,  "PAY\_TITLE" NUMBER(2,0) NOT NULL ENABLE,  "PAY\_CASH" NUMBER NOT NULL ENABLE,  "PAY\_BANK" NUMBER(1,0) NOT NULL ENABLE,  "PAY\_DEPOSIT" NUMBER NOT NULL ENABLE,  "PAY\_DPOWNER" VARCHAR2(10 BYTE) NOT NULL ENABLE,  "PAY\_COMMENT" VARCHAR2(500 BYTE),  PRIMARY KEY ("PAY\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE,  CONSTRAINT "PAYMENT\_APVID\_FK" FOREIGN KEY ("APPROVAL\_ID")  REFERENCES "PHORESIS92"."APPROVAL" ("APPROVAL\_ID") ON DELETE CASCADE ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **5** | |
| 테이블 ID | | | CALENDAR | | | 테이블 명 | | 일정 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 일정 번호 | CALENDAR\_ID | | NUMBER |  | NOT |  |  |  |
| 2 | 일정 종류 | CALENDAR\_CATE | | NUMBER |  |  |  |  | YES |
| 3 | 일정 종류 사용자정의 | CALENDAR\_CATESELF | | VARCHAR2 | 50 |  |  |  |  |
| 4 | 일정 사원 번호 | CALENDAR\_MEMBER\_ID | | VARCHAR2 | 20 | NOT |  |  | YES |
| 5 | 일정 시작일 | CALENDAR\_START | | VARCHAR2 | 100 | NOT |  |  |  |
| 6 | 일정 마감일 | CALENDAR\_END | | VARCHAR2 | 100 | NOT |  |  |  |
| 7 | 일정 제목 | CALENDAR\_TITLE | | VARCHAR2 | 100 | NOT |  |  |  |
| 8 | 일정 내용 | CALENDAR\_CONTENT | | VARCHAR2 | 3000 | NOT |  |  |  |
| 9 | 일정 색상 | CALENDAR\_COLOR | | VARCHAR2 | 10 |  |  |  |  |
| 10 | 종일 설정 | CALENDAR\_ALLDAY | | NUMBER | 1 |  |  | YES |  |
| 11 | 일정 입력일 | CALENDAR\_INDATE | | DATE |  |  | SYSDATE |  |  |
| 기본키 | | | | | | | | | |
| CALENDAR\_ID (일정 번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."CALENDAR"  ( "CALENDAR\_ID" NUMBER,  "CALENDAR\_CATE" NUMBER,  "CALENDAR\_CATESELF" VARCHAR2(50 BYTE),  "CALENDAR\_MEMBER\_ID" VARCHAR2(20 BYTE) NOT NULL ENABLE,  "CALENDAR\_START" VARCHAR2(100 BYTE) NOT NULL ENABLE,  "CALENDAR\_END" VARCHAR2(100 BYTE) NOT NULL ENABLE,  "CALENDAR\_TITLE" VARCHAR2(100 BYTE) NOT NULL ENABLE,  "CALENDAR\_CONTENT" VARCHAR2(3000 BYTE) NOT NULL ENABLE,  "CALENDAR\_COLOR" VARCHAR2(10 BYTE),  "CALENDAR\_ALLDAY" NUMBER(1,0),  "CALENDAR\_INDATE" DATE DEFAULT sysdate,  CONSTRAINT "CALENDAR\_ALLDAY\_CK" CHECK (calendar\_allDay = 0 or calendar\_allDay = 1) ENABLE,  PRIMARY KEY ("CALENDAR\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE,  CONSTRAINT "CALENDAR\_MEMBER\_ID\_FK" FOREIGN KEY ("CALENDAR\_MEMBER\_ID")  REFERENCES "PHORESIS92"."MEMBER" ("MEMBER\_ID") ON DELETE CASCADE ENABLE,  CONSTRAINT "CALENDAR\_CATE\_FK" FOREIGN KEY ("CALENDAR\_CATE")  REFERENCES "PHORESIS92"."CALENDAR\_CATE" ("CAL\_CATE\_ID") ON DELETE CASCADE ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **6** | |
| 테이블 ID | | | CALENDAR\_CATE | | | 테이블 명 | | 일정종류 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 일정종류 번호 | CAL\_CATE\_ID | | NUMBER |  | NOT |  |  |  |
| 2 | 일정종류 이름 | CAL\_CATE\_NAME | | VARCHAR2 | 100 | NOT |  |  |  |
| 3 | 일정종류 색상 | CAL\_CATE\_COLOR | | VARCHAR2 | 10 | NOT |  |  |  |
| 기본키 | | | | | | | | | |
| CAL\_CATE\_ID (일정종류 번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."CALENDAR\_CATE"  ( "CAL\_CATE\_ID" NUMBER,  "CAL\_CATE\_NAME" VARCHAR2(100 BYTE) NOT NULL ENABLE,  "CAL\_CATE\_COLOR" VARCHAR2(10 BYTE) NOT NULL ENABLE,  PRIMARY KEY ("CAL\_CATE\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **7** | |
| 테이블 ID | | | COMMUTING | | | 테이블 명 | | 근태 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 근태번호 | COMMUTING\_ID | | NUMBER |  | NOT |  |  |  |
| 2 | 근태사원 번호 | COMMUTING\_MEMBER\_ID | | VARCHAR2 | 10 | NOT |  |  |  |
| 3 | 출근시간 | COMMUTING\_ARRIVE | | DATE |  |  |  |  |  |
| 4 | 퇴근시간 | COMMUTING\_LEAVE | | DATE |  |  |  |  |  |
| 5 | 근태사유 | COMMUTING\_COMMENT | | VARCHAR2 | 500 |  |  |  |  |
| 6 | 근태상태 | COMMUTING\_STATUS | | VARCHAR2 | 100 |  |  |  |  |
| 7 | 근태입력일 | COMMUTING\_STATUS\_DATE | | DATE |  |  |  |  |  |
| 기본키 | | | | | | | | | |
| COMMUTING\_ID (근태번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."COMMUTING"  ( "COMMUTING\_ID" NUMBER,  "COMMUTING\_MEMBER\_ID" VARCHAR2(10 BYTE) NOT NULL ENABLE,  "COMMUTING\_ARRIVE" DATE DEFAULT NULL,  "COMMUTING\_LEAVE" DATE DEFAULT NULL,  "COMMUTING\_COMMENT" VARCHAR2(500 BYTE),  "COMMUTING\_STATUS" VARCHAR2(100 BYTE),  "COMMUTING\_STATUS\_DATE" DATE DEFAULT null,  PRIMARY KEY ("COMMUTING\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ENABLE,  CONSTRAINT "COMMUTING\_MEMBER\_ID\_FK" FOREIGN KEY ("COMMUTING\_MEMBER\_ID")  REFERENCES "PHORESIS92"."MEMBER" ("MEMBER\_ID") ON DELETE CASCADE ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **8** | |
| 테이블 ID | | | DEPARTMENT | | | 테이블 명 | | 부서 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 부서번호 | DEPARTMENT\_ID | | NUMBER | 3 | NOT |  |  |  |
| 2 | 부서이름 | DEPARTMENT\_NAME | | VARCHAR2 | 30 | NOT |  |  |  |
| 기본키 | | | | | | | | | |
| DEPARTMENT\_ID (부서번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."DEPARTMENT"  ( "DEPARTMENT\_ID" NUMBER(3,0),  "DEPARTMENT\_NAME" VARCHAR2(30 BYTE) NOT NULL ENABLE,  PRIMARY KEY ("DEPARTMENT\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **9** | |
| 테이블 ID | | | EMAIL | | | 테이블 명 | | 이메일 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 이메일 번호 | EMAIL\_ID | | NUMBER |  | NOT |  |  |  |
| 2 | 발신자 이메일 | SENDER\_ID | | VARCHAR2 | 50 | NOT |  |  |  |
| 3 | 발신자 이름 | SENDER | | VARCHAR2 | 50 | NOT |  |  |  |
| 4 | 수신자 이메일 | RECEIVER\_ID | | VARCHAR2 | 50 | NOT |  |  |  |
| 5 | 수신자 이름 | RECEIVER | | VARCHAR2 | 50 | NOT |  |  |  |
| 6 | 이메일 제목 | TITLE | | VARCHAR2 | 100 | NOT |  |  |  |
| 7 | 이메일 내용 | CONTENT | | CLOB |  | NOT |  |  |  |
| 8 | 발신일 | SEND\_DATE | | DATE |  |  |  |  |  |
| 9 | 이메일 상태 | EMAIL\_STATUS | | NUMBER | 1 |  | 0 |  |  |
| 10 | 이메일 종류코드 | TYPE | | NUMBER | 1 | NOT | 0 |  |  |
| 기본키 | | | | | | | | | |
| EMAIL\_ID (이메일 번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."EMAIL"  ( "EMAIL\_ID" NUMBER,  "SENDER\_ID" VARCHAR2(50 BYTE) NOT NULL ENABLE,  "SENDER" VARCHAR2(50 BYTE) NOT NULL ENABLE,  "RECEIVER\_ID" VARCHAR2(50 BYTE) NOT NULL ENABLE,  "RECEIVER" VARCHAR2(50 BYTE) NOT NULL ENABLE,  "TITLE" VARCHAR2(100 BYTE) NOT NULL ENABLE,  "CONTENT" CLOB NOT NULL ENABLE,  "SEND\_DATE" DATE,  "EMAIL\_PATH" VARCHAR2(4000 BYTE),  "EMAIL\_STATUS" NUMBER(1,0) DEFAULT 0,  "TYPE" NUMBER(1,0) DEFAULT 0 NOT NULL ENABLE,  PRIMARY KEY ("EMAIL\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS"  LOB ("CONTENT") STORE AS BASICFILE (  TABLESPACE "USERS" ENABLE STORAGE IN ROW CHUNK 8192 RETENTION  NOCACHE LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)) ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **10** | |
| 테이블 ID | | | EMAIL\_ACCOUNT | | | 테이블 명 | | 이메일 계정 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 사원번호 | MEMBER\_ID | | VARCHAR2 | 20 |  |  |  | YES |
| 2 | 이메일 계정 | EMAIL\_ACCOUNT | | VARCHAR2 | 50 | NOT |  |  |  |
| 3 | 이메일 비밀번호 | EMAIL\_PW | | VARCHAR2 | 20 | NOT |  |  |  |
| 기본키 | | | | | | | | | |
|  | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."EMAIL\_ACCOUNT"  ( "MEMBER\_ID" VARCHAR2(20 BYTE),  "EMAIL\_ACCOUNT" VARCHAR2(50 BYTE) NOT NULL ENABLE,  "EMAIL\_PW" VARCHAR2(20 BYTE) NOT NULL ENABLE,  CONSTRAINT "EMAIL\_ACCOUNT\_FK" FOREIGN KEY ("MEMBER\_ID")  REFERENCES "PHORESIS92"."MEMBER" ("MEMBER\_ID") ON DELETE CASCADE ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **11** | |
| 테이블 ID | | | MEMBER | | | 테이블 명 | | 사원정보 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 사원번호 | MEMBER\_ID | | VARCHAR2 | 20 | NOT |  |  |  |
| 2 | 사원 비밀번호 | MEMBER\_PW | | VARCHAR2 | 20 | NOT |  |  |  |
| 3 | 사원 이름 | MEMBER\_NAME | | VARCHAR2 | 10 | NOT |  |  |  |
| 4 | 사원 생일 | MEMBER\_BIRTH | | VARCHAR2 | 10 | NOT |  |  |  |
| 5 | 사원 이메일 | MEMBER\_EMAIL | | VARCHAR2 | 50 | NOT |  |  |  |
| 6 | 사원 주소1 | MEMBER\_ADDRESS1 | | VARCHAR2 | 10 |  |  |  |  |
| 7 | 사원 주소2 | MEMBER\_ADDRESS2 | | VARCHAR2 | 100 | NOT |  |  |  |
| 8 | 사원 주소3 | MEMBER\_ADDRESS3 | | VARCHAR2 | 100 |  |  |  |  |
| 9 | 사원 전화번호 | MEMBER\_PHONE | | VARCHAR2 | 15 |  |  |  |  |
| 10 | 사원 부서 | MEMBER\_DEPARTMENT | | NUMBER | 3 |  |  |  | YES |
| 11 | 사원 직급 | MEMBER\_RANK | | NUMBER | 2 |  |  |  | YES |
| 12 | 사원 입사일 | MEMBER\_INDATE | | DATE |  |  | SYSDATE |  |  |
| 13 | 최종 수정일 | MEMBER\_MODIDATE | | DATE |  |  |  |  |  |
| 14 | 사원 성별 | MEMBER\_GENDER | | VARCHAR2 | 6 | NOT | ‘남’ |  |  |
| 15 | 사원 이미지 | MEMBER\_IMG | | VARCHAR2 | 100 |  |  |  |  |
| 16 | 사원 서명 | MEMBER\_SIGN | | VARCHAR2 | 100 |  |  |  |  |
| 17 | 사원 상태 | MEMBER\_STATUS | | NUMBER | 1 | NOT | 0 |  |  |
| 18 | 사원 연차 | MEMBER\_VACATION | | NUMBER | 3,1 |  | 0 |  |  |
| 기본키 | | | | | | | | | |
| MEMBER\_ID (사원번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."MEMBER"  ( "MEMBER\_ID" VARCHAR2(20 BYTE),  "MEMBER\_PW" VARCHAR2(20 BYTE) NOT NULL ENABLE,  "MEMBER\_NAME" VARCHAR2(10 BYTE) NOT NULL ENABLE,  "MEMBER\_BIRTH" VARCHAR2(10 BYTE) NOT NULL ENABLE,  "MEMBER\_EMAIL" VARCHAR2(50 BYTE) NOT NULL ENABLE,  "MEMBER\_ADDRESS1" VARCHAR2(10 BYTE),  "MEMBER\_ADDRESS2" VARCHAR2(100 BYTE) NOT NULL ENABLE,  "MEMBER\_ADDRESS3" VARCHAR2(100 BYTE),  "MEMBER\_PHONE" VARCHAR2(15 BYTE),  "MEMBER\_DEPARTMENT" NUMBER(3,0),  "MEMBER\_RANK" NUMBER(2,0),  "MEMBER\_INDATE" DATE DEFAULT sysdate,  "MEMBER\_MODIDATE" DATE,  "MEMBER\_GENDER" VARCHAR2(6 BYTE) DEFAULT '남' NOT NULL ENABLE,  "MEMBER\_IMG" VARCHAR2(100 BYTE),  "MEMBER\_SIGN" VARCHAR2(100 BYTE),  "MEMBER\_STATUS" NUMBER(1,0) DEFAULT 0 NOT NULL ENABLE,  "MEMBER\_VACATION" NUMBER(3,1) DEFAULT 0,  PRIMARY KEY ("MEMBER\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE,  CONSTRAINT "MEMBER\_RANK\_FK" FOREIGN KEY ("MEMBER\_RANK")  REFERENCES "PHORESIS92"."RANK" ("RANK\_ID") ON DELETE CASCADE ENABLE,  CONSTRAINT "MEMBER\_DEPARTMENT\_FK" FOREIGN KEY ("MEMBER\_DEPARTMENT")  REFERENCES "PHORESIS92"."DEPARTMENT" ("DEPARTMENT\_ID") ON DELETE CASCADE ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **12** | |
| 테이블 ID | | | MEMBER\_DEPOSIT | | | 테이블 명 | | 사원계좌 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 계좌주 사번 | DEPO\_MEMBER\_ID | | VARCHAR2 | 20 | NOT |  |  | YES |
| 2 | 계좌 은행코드 | DEPO\_BANK\_ID | | NUMBER | 1 | NOT |  |  |  |
| 3 | 계좌번호 | DEPO\_NUMBER | | VARCHAR2 | 100 | NOT |  |  |  |
| 기본키 | | | | | | | | | |
| DEPO\_MEMBER\_ID (계좌주 사번) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."MEMBER\_DEPOSIT"  ( "DEPO\_MEMBER\_ID" VARCHAR2(20 BYTE),  "DEPO\_BANK\_ID" NUMBER(1,0) NOT NULL ENABLE,  "DEPO\_NUMBER" VARCHAR2(100 BYTE) NOT NULL ENABLE,  PRIMARY KEY ("DEPO\_MEMBER\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE,  CONSTRAINT "DEPOSIT\_MEMID\_FK" FOREIGN KEY ("DEPO\_MEMBER\_ID")  REFERENCES "PHORESIS92"."MEMBER" ("MEMBER\_ID") ON DELETE CASCADE ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **13** | |
| 테이블 ID | | | RANK | | | 테이블 명 | | 직급 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 직급코드 | RANK\_ID | | NUMBER | 2 | NOT |  |  | YES |
| 2 | 직급이름 | RANK\_NAME | | VARCHAR2 | 30 | NOT |  |  |  |
| 기본키 | | | | | | | | | |
| RANK\_ID (직급코드) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."RANK"  ( "RANK\_ID" NUMBER(2,0),  "RANK\_NAME" VARCHAR2(30 BYTE) NOT NULL ENABLE,  PRIMARY KEY ("RANK\_ID")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **14** | |
| 테이블 ID | | | TBL\_BOARD | | | 테이블 명 | | 게시판 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 게시판  종류 | BGNO | | NUMBER | 11 |  |  |  |  |
| 2 | 게시물 번호 | BRDNO | | NUMBER | 11 | NOT |  |  |  |
| 3 | 게시물 제목 | BRDTITLE | | VARCHAR2 | 255 |  |  |  |  |
| 4 | 게시물 작성자 | BRDWRITER | | VARCHAR2 | 20 |  |  |  | YES |
| 5 | 게시물 내용 | BRDMEMO | | VARCHAR2 | 4000 |  |  |  |  |
| 6 | 게시물 작성일 | BRDDATE | | DATE |  |  |  |  |  |
| 7 | 게시물 조회수 | BRDHIT | | NUMBER |  |  |  |  |  |
| 8 | 게시물 삭제여부 | BRDDELETEFLAG | | CHAR | 1 |  |  |  |  |
| 기본키 | | | | | | | | | |
| BRDNO (게시물 번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."TBL\_BOARD"  ( "BGNO" NUMBER(11,0),  "BRDNO" NUMBER(11,0),  "BRDTITLE" VARCHAR2(255 BYTE),  "BRDWRITER" VARCHAR2(20 BYTE),  "BRDMEMO" VARCHAR2(4000 BYTE),  "BRDDATE" DATE,  "BRDHIT" NUMBER,  "BRDDELETEFLAG" CHAR(1 BYTE),  CONSTRAINT "BRDNO\_PK" PRIMARY KEY ("BRDNO")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **15** | |
| 테이블 ID | | | TBL\_BOARDFILE | | | 테이블 명 | | 게시판 첨부파일 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 파일번호 | FILENO | | NUMBER | 11 | NOT |  |  |  |
| 2 | 게시물 번호 | BRDNO | | NUMBER | 11 |  |  |  | YES |
| 3 | 파일이름 | FILENAME | | VARCHAR2 | 100 |  |  |  |  |
| 4 | 원본 파일이름 | REALNAME | | VARCHAR2 | 30 |  |  |  |  |
| 5 | 파일크기 | FILESIZE | | NUMBER |  |  |  |  |  |
| 기본키 | | | | | | | | | |
| FILENO (파일번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."TBL\_BOARDFILE"  ( "FILENO" NUMBER(11,0),  "BRDNO" NUMBER(11,0),  "FILENAME" VARCHAR2(100 BYTE),  "REALNAME" VARCHAR2(30 BYTE),  "FILESIZE" NUMBER,  CONSTRAINT "FILENO\_PK" PRIMARY KEY ("FILENO")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ; |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **시스템명** | | | **KITWARE** | | | **페이지** | | **16** | |
| 테이블 ID | | | TBL\_BOARDREPLY | | | 테이블 명 | | 게시판 댓글 | |
| 순번 | 한글명 | 영문명 | | 데이터타입 | 길이 | NULL | DEFAULT 값 | CHECK | FK |
| 1 | 게시물 번호 | BRDNO | | NUMBER | 11 | NOT |  |  |  |
| 2 | 댓글번호 | RENO | | NUMBER | 11 | NOT |  |  |  |
| 3 | 댓글 작성자 | REWRITER | | VARCHAR2 | 10 | NOT |  |  |  |
| 4 | 댓글 내용 | REMEMO | | VARCHAR2 | 500 |  |  |  |  |
| 5 | 댓글 작성일 | REDATE | | DATE |  |  |  |  |  |
| 6 | 댓글 삭제여부 | REDELETEFLAG | | VARCHAR2 | 1 | NOT |  |  |  |
| 7 | 부모 댓글 | REPARENT | | NUMBER | 11 |  |  |  |  |
| 8 | 댓글 순서 | REDEPTH | | NUMBER |  |  |  |  |  |
| 9 | 댓글 개수 | REORDER | | NUMBER |  |  |  |  |  |
| 기본키 | | | | | | | | | |
| RENO (댓글번호) | | | | | | | | | |

|  |
| --- |
| CREATE TABLE "PHORESIS92"."TBL\_BOARDREPLY"  ( "BRDNO" NUMBER(11,0) NOT NULL ENABLE,  "RENO" NUMBER(11,0),  "REWRITER" VARCHAR2(10 BYTE) NOT NULL ENABLE,  "REMEMO" VARCHAR2(500 BYTE),  "REDATE" DATE,  "REDELETEFLAG" VARCHAR2(1 BYTE) NOT NULL ENABLE,  "REPARENT" NUMBER(11,0),  "REDEPTH" NUMBER,  "REORDER" NUMBER,  CONSTRAINT "RENO\_PK" PRIMARY KEY ("RENO")  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ENABLE  ) SEGMENT CREATION IMMEDIATE  PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "SYSTEM" ; |