1. 테이블 정의서

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 콘텐츠 테이블 | **작성일** | 20xx xx xx | | **테이블명** | CONTENTS\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | CONTENTSID | CONTENTSID | N/A | NUMBER(4,0) | Not Null |  | PK | | 2 | NATIONCODE | NATIONCODE | N/A | VARCHAR2(20 BYTE) |  |  | FK | | 3 | OTTID | OTTID | N/A | NUMBER(4,0) |  |  | FK | | 4 | GRADEID | GRADEID | N/A | NUMBER(4,0) |  |  |  | | 5 | CLASSID | CLASSID | N/A | NUMBER(4,0) |  |  | FK | | 6 | CONTENTSTITLE | CONTENTSTITLE | N/A | VARCHAR2(3000 BYTE) |  |  |  | | 7 | CONTENTSSUMMARY | CONTENTSSUMMARY | N/A | VARCHAR2(5000 BYTE) |  |  |  | | 8 | CONTENTSSTART | CONTENTSSTART | N/A | DATE |  |  |  | | 9 | CONTENTSSEASON | CONTENTSSEASON | N/A | NUMBER(3,0) |  |  |  | | 10 | CONTENTSEPISODE | CONTENTSEPISODE | N/A | NUMBER(4,0) |  |  |  | | 11 | CONTENTSSCORE | CONTENTSSCORE | N/A | NUMBER(2,1) |  |  |  | | 12 | CONTENTSDURATION | CONTENTSDURATION | N/A | NUMBER(4,0) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 게시판 테이블 | **작성일** | 20xx xx xx | | **테이블명** | BOARD | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | NUM | NUM | N/A | NUMBER(10,0) | Not Null |  | PK | | 2 | USERNUM | USERNUM | N/A | NUMBER(4,0) |  |  | FK | | 3 | TITLE | TITLE | N/A | VARCHAR2(100 BYTE) |  |  |  | | 4 | CONTENT | CONTENT | N/A | CLOB |  |  |  | | 5 | READCOUNT | READCOUNT | N/A | NUMBER(10,0) |  |  |  | | 6 | WRITEDATE | WRITEDATE | N/A | DATE |  |  |  | |

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| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | NUM | NUM | N/A | NUMBER(10,0) |  |  | FK | | 2 | COMEMNTTYPENUM | COMEMNTTYPENUM | N/A | NUMBER(30,0) |  |  |  | | 3 | ORIGINNUM | ORIGINNUM | N/A | NUMBER(30,0) |  |  |  | | 4 | USERNUM | USERNUM | N/A | NUMBER(4,0) |  |  | FK | | 5 | COMEMNTTEXT | COMEMNTTEXT | N/A | VARCHAR2(100 BYTE) |  |  |  | | 6 | COMEMNTDATE | COMEMNTDATE | N/A | DATE |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 게시판 이미지 테이블 | **작성일** | 20xx xx xx | | **테이블명** | FILES | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | NUM | BOARDNUM | N/A | NUMBER(10,0) |  |  | FK | | 2 | FILENAME | FILENAME | N/A | VARCHAR2(3000 BYTE) |  |  |  | | 3 | REGDATE | REGDATE | N/A | DATE |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 콘텐츠 이미지 테이블 | **작성일** | 20xx xx xx | | **테이블명** | MOVIEFILES | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | CONTENTSID | CONTENTSID | N/A | NUMBER(4,0) |  |  | FK | | 2 | IMGNAME | IMGNAME | N/A | VARCHAR2(60 BYTE) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 배우 테이블 | **작성일** | 20xx xx xx | | **테이블명** | ACTOR\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | ACTORID | ACTORID | N/A | NUMBER(4,0) | Not Null |  | PK | | 2 | ACTORNAME | ACTORNAME | N/A | VARCHAR2(30 BYTE) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 배우 연결 테이블 | **작성일** | 20xx xx xx | | **테이블명** | ACTORJOIN | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | ACTORID | ACTORID | N/A | NUMBER(4,0) |  |  | FK | | 2 | CONTENTSID | CONTENTSID | N/A | NUMBER(4,0) |  |  | FK | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 등급 테이블 | **작성일** | 20xx xx xx | | **테이블명** | CLASS\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | CLASSID | CLASSID | N/A | NUMBER(4,0) | Not Null |  | PK | | 2 | CLASSNAME | CLASSNAME | N/A | VARCHAR2(10 BYTE) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 감독 테이블 | **작성일** | 20xx xx xx | | **테이블명** | DIRECTOR\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | DIRECTORID | DIRECTORID | N/A | NUMBER(4,0) | Not Null |  | PK | | 2 | DIRECTORNAME | DIRECTORNAME | N/A | VARCHAR2(30 BYTE) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 선호 항목 저장 테이블 | **작성일** | 20xx xx xx | | **테이블명** | FAVORITE\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 국가 테이블 | **작성일** | 20xx xx xx | | **테이블명** | NATION\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | NATIONCODE | NATIONCODE | N/A | VARCHAR2(20 BYTE) | Not Null |  | PK | | 2 | NATIONNAME | NATIONNAME | N/A | VARCHAR2(20 BYTE) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | OTT 저장소 | **작성일** | 20xx xx xx | | **테이블명** | OTT | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | OTTID | OTTID | N/A | NUMBER(4,0) | Not Null |  | PK | | 2 | OTTNAME | OTTNAME | N/A | VARCHAR2(20 BYTE) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 선호영상 저장 테이블 | **작성일** | 20xx xx xx | | **테이블명** | WISH | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | USERNUM | USERNUM | N/A | NUMBER(4,0) |  |  | FK | | 2 | CONTENTSID | CONTENTSID | N/A | NUMBER(4,0) |  |  | FK | | 3 | WISHDATE | WISHDATE | N/A | DATE |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 콘텐츠 댓글 테이블 | **작성일** | 20xx xx xx | | **테이블명** | REVIEW\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | REVIEWID | REVIEWID | N/A | NUMBER(10,0) | Not Null |  | PK | | 2 | CONTENTSID | CONTENTSID | N/A | NUMBER(4,0) |  |  | FK | | 3 | REVIEWSCORE | REVIEWSCORE | N/A | NUMBER(2,1) |  |  |  | | 4 | REVIEWNATTER | REVIEWNATTER | N/A | VARCHAR2(200 BYTE) |  |  |  | | 5 | REVIEWDATE | REVIEWDATE | N/A | DATE |  |  |  | | 6 | USERNUM | USERNUM | N/A | NUMBER(4,0) |  |  | FK | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 감독 연결 테이블 | **작성일** | 20xx xx xx | | **테이블명** | DIRECTORJOIN | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | CONTENTSID | CONTENTSID | N/A | NUMBER(4,0) |  |  | FK | | 2 | DIRECTORID | DIRECTORID | N/A | NUMBER(4,0) |  |  | FK | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 유저 테이블 | **작성일** | 20xx xx xx | | **테이블명** | USER\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | USERNUM | USERNUM | N/A | NUMBER(4,0) | Not Null |  | PK | | 2 | USERID | USERID | N/A | VARCHAR2(60 BYTE) | Not Null |  |  | | 3 | USEREMAIL | USEREMAIL | N/A | VARCHAR2(100 BYTE) |  |  |  | | 4 | USERPASSWORD | USERPASSWORD | N/A | VARCHAR2(255 BYTE) |  |  |  | | 5 | USERCATEGORY | USERCATEGORY | N/A | NUMBER(4,0) |  |  |  | | 6 | USERCLASS | USERCLASS | N/A | NUMBER(4,0) |  |  |  | | 7 | USERPNUM | USERPNUM | N/A | NUMBER(12,0) |  |  |  | | 8 | ADMIN | ADMIN | N/A | VARCHAR2(25 BYTE) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 장르 테이블 | **작성일** | 20xx xx xx | | **테이블명** | GENRE\_T | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | GENREID | ACTORID | N/A | NUMBER(4,0) | Not Null |  | PK | | 2 | GENRENAME | ACTORNAME | N/A | VARCHAR2(30 BYTE) |  |  |  | |

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| |  |  |  |  | | --- | --- | --- | --- | | **엔티티 타입명** | 장르 연결 테이블 | **작성일** | 20xx xx xx | | **테이블명** | GENREJOIN | **작성자** | 홍길동 | | **테이블 설명** |  | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **번호** | **컬럼명** | **속성명** | **도메인** | **데이터타입** | **NULL여부** | **기본값** | **KEY** | | 1 | CONTENTSID | CONTENTSID | N/A | NUMBER(4,0) |  |  | FK | | 2 | GENREID | ACTORID | N/A | NUMBER(4,0) |  |  | FK | |

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| /\* 배우 \*/  CREATE TABLE ACTOR\_T (  ACTOR\_ID NUMBER(4) NOT NULL, /\* 배우ID \*/  ACTOR\_NAME VARCHAR2(30) /\* 배우명 \*/  );  CREATE UNIQUE INDEX ACTOR\_T  ON ACTOR\_T (  ACTOR\_ID ASC  );  ALTER TABLE ACTOR\_T  ADD  CONSTRAINT ACTOR\_T  PRIMARY KEY (  ACTOR\_ID  );  /\* 영상물 분류 코드 \*/  CREATE TABLE CLASS\_T (  CLASS\_ID NUMBER(4) NOT NULL, /\* 분류코드 \*/  CLASS\_NAME VARCHAR2(10) /\* 분류명 \*/  );  CREATE UNIQUE INDEX CLASS\_T  ON CLASS\_T (  CLASS\_ID ASC  );  ALTER TABLE CLASS\_T  ADD  CONSTRAINT CLASS\_T  PRIMARY KEY (  CLASS\_ID  );  /\* 개인 영상 평가 \*/  CREATE TABLE REVIEW\_T (  REVIEW\_ID NUMBER(10) NOT NULL, /\* 평가ID \*/  USER\_NUM NUMBER(4) NOT NULL, /\* 사용자NUM \*/  CONTENTS\_ID NUMBER(4) NOT NULL, /\* 영상물 ID \*/  REVIEW\_SCORE DECIMAL(2,1) NOT NULL, /\* 개인 평점 \*/  REVIEW\_NATTER VARCHAR2(200) NOT NULL, /\* 내용 \*/  REVIEW\_DATE DATE NOT NULL /\* 작성일 \*/  );  CREATE UNIQUE INDEX REVIEW\_T  ON REVIEW\_T (  REVIEW\_ID ASC  );  ALTER TABLE REVIEW\_T  ADD  CONSTRAINT REVIEW\_T  PRIMARY KEY (  REVIEW\_ID  );  /\* 영상물 출시국 \*/  CREATE TABLE NATION\_T (  NATION\_ID NUMBER(4) NOT NULL, /\* 국가코드 \*/  NATION\_NAME VARCHAR2(50) /\* 국가명 \*/  );  CREATE UNIQUE INDEX NATION\_T  ON NATION\_T (  NATION\_ID ASC  );  ALTER TABLE NATION\_T  ADD  CONSTRAINT NATION\_T  PRIMARY KEY (  NATION\_ID  );  /\* 사용자가 찜한 콘텐츠 \*/  CREATE TABLE WISH (  CONTENTS\_ID NUMBER(4) NOT NULL, /\* 영상물 ID \*/  USER\_NUM NUMBER(4) /\* 사용자NUM \*/  );  /\* 장르 연결 \*/  CREATE TABLE GENREJOIN (  CONTENTS\_ID NUMBER(4), /\* 영상물 ID \*/  GENRE\_ID NUMBER(4) /\* 장르아이디 \*/  );  /\* 사용자 선호 \*/  CREATE TABLE USER\_WISH (  USER\_WISH\_ID NUMBER(4) NOT NULL, /\* 사용자 선호 조건 \*/  USER\_NUM NUMBER(4), /\* 사용자NUM \*/  GENRE\_ID NUMBER(4), /\* 장르아이디 \*/  CLASS\_ID NUMBER(4) /\* 분류코드 \*/  );  CREATE UNIQUE INDEX USER\_WISH  ON USER\_WISH (  USER\_WISH\_ID ASC  );  ALTER TABLE USER\_WISH  ADD  CONSTRAINT USER\_WISH  PRIMARY KEY (  USER\_WISH\_ID  );  /\* 등급 \*/  CREATE TABLE GRADE\_T (  GRADE\_ID NUMBER(4) NOT NULL, /\* 등급 코드 \*/  GRADE\_NAME VARCHAR2(3) /\* 등급명 \*/  );  CREATE UNIQUE INDEX GRADE\_T  ON GRADE\_T (  GRADE\_ID ASC  );  ALTER TABLE GRADE\_T  ADD  CONSTRAINT GRADE\_T  PRIMARY KEY (  GRADE\_ID  );  /\* 사용자 \*/  CREATE TABLE USER\_T (  USER\_NUM NUMBER(4) NOT NULL, /\* 사용자NUM \*/  USER\_ID VARCHAR2(60), /\* 사용자 아이디 \*/  NATION\_ID NUMBER(4), /\* 국가코드 \*/  USER\_EMAIL VARCHAR2(100), /\* 사용자 이메일 \*/  USER\_PASSWORD VARCHAR2(20), /\* 비밀번호 \*/  USER\_CATEGORY NUMBER(4), /\* 선호 장르 \*/  USER\_CLASS NUMBER(4) /\* 선호 분류 \*/  );  CREATE UNIQUE INDEX USER\_T  ON USER\_T (  USER\_NUM ASC  );  ALTER TABLE USER\_T  ADD  CONSTRAINT USER\_T  PRIMARY KEY (  USER\_NUM  );  /\* OTT 목록 \*/  CREATE TABLE OTT (  OTT\_ID NUMBER(4) NOT NULL, /\* OTT ID \*/  OTT\_NAME VARCHAR2(20) NOT NULL /\* OTT 사이트 이름 \*/  );  CREATE UNIQUE INDEX OTT  ON OTT (  OTT\_ID ASC  );  ALTER TABLE OTT  ADD  CONSTRAINT OTT  PRIMARY KEY (  OTT\_ID  );  /\* 장르 \*/  CREATE TABLE GENRE\_T (  GENRE\_ID NUMBER(4) NOT NULL, /\* 장르아이디 \*/  GENRE\_NAME VARCHAR2(30) NOT NULL /\* 장르 명 \*/  );  CREATE UNIQUE INDEX GENRE\_T  ON GENRE\_T (  GENRE\_ID ASC  );  ALTER TABLE GENRE\_T  ADD  CONSTRAINT GENRE\_T  PRIMARY KEY (  GENRE\_ID  );  /\* 영상물 \*/  CREATE TABLE CONTENTS\_T (  CONTENTS\_ID NUMBER(4) NOT NULL, /\* 영상물 ID \*/  NATION\_ID NUMBER(4) NOT NULL, /\* 국가코드 \*/  OTT\_ID NUMBER(4) NOT NULL, /\* OTT ID \*/  GRADE\_ID NUMBER(4), /\* 등급 코드 \*/  CLASS\_ID NUMBER(4), /\* 분류코드 \*/  CONTENTS\_TITLE VARCHAR2(30) NOT NULL, /\* 제목(타이틀) \*/  CONTENTS\_SUMMARY VARCHAR2(500), /\* 설명(줄거리) \*/  CONTENTS\_YEARS DATE, /\* 제작년도 \*/  CONTENTS\_SEASON NUMBER(3), /\* 시즌 \*/  CONTENTS\_EPISODE NUMBER(4), /\* 회차 \*/  CONTENTS\_SCORE DECIMAL(2,1), /\* 영상 평점 \*/  CONTENTS\_DURATION NUMBER(4) /\* 상영시간 \*/  );  CREATE UNIQUE INDEX CONTENTS\_T  ON CONTENTS\_T (  CONTENTS\_ID ASC  );  ALTER TABLE CONTENTS\_T  ADD  CONSTRAINT CONTENTS\_T  PRIMARY KEY (  CONTENTS\_ID  );  /\* 배우연결 \*/  CREATE TABLE ACTORJOIN (  CONTENTS\_ID NUMBER(4), /\* 영상물 ID \*/  ACTOR\_ID NUMBER(4) /\* 배우ID \*/  );  /\* 검색키워드 테이블 \*/  CREATE TABLE SEARCH (  USER\_NUM NUMBER(4), /\* 사용자NUM \*/  KEY\_WORD VARCHAR2(20) /\* 검색 키워드 \*/  );  ALTER TABLE REVIEW\_T  ADD  CONSTRAINT FK\_USER\_T\_TO\_REVIEW\_T  FOREIGN KEY (  USER\_NUM  )  REFERENCES USER\_T (  USER\_NUM  );  ALTER TABLE REVIEW\_T  ADD  CONSTRAINT FK\_CONTENTS\_T\_TO\_REVIEW\_T  FOREIGN KEY (  CONTENTS\_ID  )  REFERENCES CONTENTS\_T (  CONTENTS\_ID  );  ALTER TABLE WISH  ADD  CONSTRAINT FK\_CONTENTS\_T\_TO\_WISH  FOREIGN KEY (  CONTENTS\_ID  )  REFERENCES CONTENTS\_T (  CONTENTS\_ID  );  ALTER TABLE WISH  ADD  CONSTRAINT FK\_USER\_T\_TO\_WISH  FOREIGN KEY (  USER\_NUM  )  REFERENCES USER\_T (  USER\_NUM  );  ALTER TABLE GENREJOIN  ADD  CONSTRAINT FK\_CONTENTS\_T\_TO\_GENREJOIN  FOREIGN KEY (  CONTENTS\_ID  )  REFERENCES CONTENTS\_T (  CONTENTS\_ID  );  ALTER TABLE GENREJOIN  ADD  CONSTRAINT FK\_GENRE\_T\_TO\_GENREJOIN  FOREIGN KEY (  GENRE\_ID  )  REFERENCES GENRE\_T (  GENRE\_ID  );  ALTER TABLE USER\_WISH  ADD  CONSTRAINT FK\_USER\_T\_TO\_USER\_WISH  FOREIGN KEY (  USER\_NUM  )  REFERENCES USER\_T (  USER\_NUM  );  ALTER TABLE USER\_WISH  ADD  CONSTRAINT FK\_GENRE\_T\_TO\_USER\_WISH  FOREIGN KEY (  GENRE\_ID  )  REFERENCES GENRE\_T (  GENRE\_ID  );  ALTER TABLE USER\_WISH  ADD  CONSTRAINT FK\_CLASS\_T\_TO\_USER\_WISH  FOREIGN KEY (  CLASS\_ID  )  REFERENCES CLASS\_T (  CLASS\_ID  );  ALTER TABLE USER\_T  ADD  CONSTRAINT FK\_NATION\_T\_TO\_USER\_T  FOREIGN KEY (  NATION\_ID  )  REFERENCES NATION\_T (  NATION\_ID  );  ALTER TABLE CONTENTS\_T  ADD  CONSTRAINT FK\_OTT\_TO\_CONTENTS\_T  FOREIGN KEY (  OTT\_ID  )  REFERENCES OTT (  OTT\_ID  );  ALTER TABLE CONTENTS\_T  ADD  CONSTRAINT FK\_NATION\_T\_TO\_CONTENTS\_T  FOREIGN KEY (  NATION\_ID  )  REFERENCES NATION\_T (  NATION\_ID  );  ALTER TABLE CONTENTS\_T  ADD  CONSTRAINT FK\_GRADE\_T\_TO\_CONTENTS\_T  FOREIGN KEY (  GRADE\_ID  )  REFERENCES GRADE\_T (  GRADE\_ID  );  ALTER TABLE CONTENTS\_T  ADD  CONSTRAINT FK\_CLASS\_T\_TO\_CONTENTS\_T  FOREIGN KEY (  CLASS\_ID  )  REFERENCES CLASS\_T (  CLASS\_ID  );  ALTER TABLE ACTORJOIN  ADD  CONSTRAINT FK\_CONTENTS\_T\_TO\_ACTORJOIN  FOREIGN KEY (  CONTENTS\_ID  )  REFERENCES CONTENTS\_T (  CONTENTS\_ID  );  ALTER TABLE ACTORJOIN  ADD  CONSTRAINT FK\_ACTOR\_T\_TO\_ACTORJOIN  FOREIGN KEY (  ACTOR\_ID  )  REFERENCES ACTOR\_T (  ACTOR\_ID  );  ALTER TABLE SEARCH  ADD  CONSTRAINT FK\_USER\_T\_TO\_SEARCH  FOREIGN KEY (  USER\_NUM  )  REFERENCES USER\_T (  USER\_NUM  ); |

3. DML

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| 일련번호 | 기능 | DML |
| 1 | 계정관리 | --회원가입--  INSERT INTO USER\_T( USERNUM , USERID , USEREMAIL , USERPASSWORD ) VALUES( USER\_T\_S.nextval , #{userid} , #{useremail} , #{userpassword})  --회원정보수정--  UPDATE USER\_T SET userpassword = #{userpassword} WHERE useremail = #{useremail}  --회원정보 삭제(탈퇴)--  DELETE FROM USER\_T WHERE useremail = #{useremail}  --아이디 중복 체크--  SELECT COUNT(\*) FROM USER\_T WHERE userid = #{userid}  --이메일 중복 체크--  SELECT COUNT(\*) FROM USER\_T WHERE useremail = #{useremail} |
| 2 | 로그인 | --로그인--  select usernum, useremail, userpassword, userid, admin from user\_t where useremail = #{useremail}  --패스워드 체크--  SELECT COUNT(\*) FROM USER\_T WHERE useremail = #{useremail} AND userpassword = #{userpassword} |
| 3 | 아이디 / 비밀번호 찾기 | --이메일, 아이디 일치 조회(비밀번호 찾기)--  SELECT COUNT(\*) FROM USER\_T WHERE useremail = #{useremail} AND userid = #{userid}  --임시 비밀번호 암호화--  UPDATE USER\_T SET userpassword = #{userpassword} WHERE useremail = #{useremail} |
| 4 | 사용자 선호도 | --사용자 선호도 항목 입력(장르)--  INSERT INTO FAVORITE\_T(USERNUM, FAVORITESUBJECT, FAVORITEVALUE) VALUES (#{usernum}, #{favoritesubject}, #{favoritevalue})  --사용자 선호도 항목 입력(배우)--  INSERT INTO FAVORITE\_T(USERNUM, FAVORITESUBJECT, FAVORITEVALUE) VALUES (#{actorid}, #{actorname}, #{actorvalue})  --사용자 선호도 항목 입력(감독)--  INSERT INTO FAVORITE\_T(USERNUM, FAVORITESUBJECT, FAVORITEVALUE) VALUES (#{directorid}, #{directorname}, #{directorvalue})  --프로필에서 내 선호 항목 노출--  SELECT \* FROM FAVORITE\_T WHERE USERNUM = #{usernum} and favoritesubject='genre'  SELECT \* FROM FAVORITE\_T WHERE USERNUM = #{usernum} and favoritesubject='actor'  SELECT \* FROM FAVORITE\_T WHERE USERNUM = #{usernum} and favoritesubject='director'  --선호 항목 삭제--  delete from favorite\_t where usernum = #{usernum} |
| 5 | 영상물 검색 | --평점별 검색--  select c.contentsid, n.nationname, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile  from contents\_t c, ott o, nation\_t n, grade\_t g, class\_t cl, moviefiles m  where c.ottid = o.ottid and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid and c.contentsid =m.contenstid order by c.CONTENTSSCORE DESC  --한국 콘텐츠 검색—  select c.contentsid, n.nationname, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile  from contents\_t c, ott o, nation\_t n, grade\_t g, class\_t cl, moviefiles m  where c.NATIONCODE='KR'and c.ottid = o.ottid and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid and c.contentsid =m.contenstid order by c.contentsid  --최신컨텐츠 검색—  select c.contentsid, n.nationname, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile  from contents\_t c, ott o, nation\_t n, grade\_t g, class\_t cl, moviefiles m  where c.ottid = o.ottid and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid and c.contentsid =m.contenstid ORDER BY CONTENTSSTART DESC  --전체 작품 검색—  SELECT DISTINCT contentsid, nationcode, ottname, gradename, classname, contentstitle, contentssummary, contentsstart, contentsseason, contentsepisode, contentsscore, contentsduration, movieimgfile  FROM(select c.contentsid, n.nationcode, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile, A.ACTORNAME  from contents\_t c, ott o, nation\_t n, grade\_t g, class\_t cl, ACTORJOIN AJ, ACTOR\_T A, moviefiles m  where c.ottid = o.ottid and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid AND aj.CONTENTSID=C.CONTENTSID AND AJ.ACTORID=A.ACTORID and m.contenstid=c.contentsid)  WHERE CONTENTSTITLE LIKE '%'||#{keyword}||'%' OR ACTORNAME LIKE '%'||#{keyword}||'%'  --찜항목 검색—  select c.contentsid, n.nationname, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile  from contents\_t c, ott o, nation\_t n, grade\_t g, class\_t cl, wish w, moviefiles m  where c.ottid = o.ottid and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid and w.contentsid=c.contentsid and c.contentsid =m.contenstid and w.usernum= #{usernum} order by w.wishdate asc  --선호도별 추천—  select distinct c.contentsid, n.nationname, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile  from genrejoin gj, contents\_t c, genre\_t gn, favorite\_t f, ott o, nation\_t n, grade\_t g, class\_t cl, moviefiles m, actor\_t ac, actorjoin acj  where f.usernum = #{usernum} and c.ottid = o.ottid and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid and c.contentsid =m.contenstid  and ac.actorid=acj.actorid and acj.contentsid=c.contentsid  and f.favoritevalue=ac.actorname  union  select distinct c.contentsid, n.nationname, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile  from genrejoin gj, contents\_t c, genre\_t gn, favorite\_t f, ott o, nation\_t n, grade\_t g, class\_t cl, moviefiles m  where f.usernum = #{usernum} and c.ottid = o.ottid and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid and c.contentsid =m.contenstid  and gj.genreid=gn.genreid and gj.contentsid=c.contentsid  and f.favoritevalue=gn.genrename  union  select distinct c.contentsid, n.nationname, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile  from genrejoin gj, contents\_t c, genre\_t gn, favorite\_t f, ott o, nation\_t n, grade\_t g, class\_t cl, moviefiles m, director\_t d, directorjoin dj  where f.usernum = #{usernum} and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid and m.contenstid=c.contentsid and o.ottid=c.ottid  and dj.directorid=d.directorid and dj.contentsid=c.contentsid  and f.favoritevalue=d.directorname |
| 6 | 콘텐츠 상세정보 | --콘텐츠 상세정보 조회  select c.contentsid, n.nationname, o.ottname, g.gradename, cl.classname, c.contentstitle, c.contentssummary, c.contentsstart, c.contentsseason, c.contentsepisode, c.contentsscore, c.contentsduration, m.movieimgfile  from contents\_t c, ott o, nation\_t n, grade\_t g, class\_t cl, moviefiles m  where c.ottid = o.ottid and n.nationcode=c.nationcode and g.gradeid=c.gradeid and cl.classid=c.classid and c.contentsid =m.contenstid and CONTENTSID = #{CONTENTSID}  order by c.contentsid  --댓글 표시—  select R.reviewid, R.contentsid, U.userid, r.reviewnatter, r.reviewscore, r.reviewdate  from review\_t R, user\_t U  where r.contentsid= #{CONTENTSID} and R.usernum=U.usernum  --댓글 작성—  INSERT INTO REVIEW\_T(reviewid, usernum, contentsid,reviewnatter,reviewdate)  VALUES(review\_seq.nextval, #{usernum}, #{contentsid}, #{reviewnatter}, SYSDATE)  --댓글 수—  select count(\*)reviewcnt from review\_t where contentsid=#{CONTENTSID}  --평점—  select \* from (select Round(avg(NVL(reviewscore,0)),1)avgscore, round(mod(Round(avg(NVL(reviewscore,0)),1)\*10,10), -1) halfstar  from review\_t  where contentsid=#{CONTENTSID}) |
| 7 | 찜 | --찜 추가—  INSERT INTO WISH values(#{contentsid}, #{usernum}, sysdate)  --찜 삭제—  DELETE FROM WISH WHERE contentsid = #{contentsid} and usernum = #{usernum}  --찜 확인—  SELECT COUNT(\*) count FROM WISH where USERNUM = #{usernum} AND CONTENTSID = #{contentsid} |
| 8 | 콘텐츠 관리 | --콘텐츠 추가--  INSERT INTO CONTENTS\_T(CONTENTSID, NATIONCODE, OTTID, GRADEID, CLASSID, CONTENTSTITLE, CONTENTSSUMMARY, CONTENTSSTART, CONTENTSSEASON, CONTENTSEPISODE, CONTENTSSCORE,  CONTENTSDURATION)  VALUES(#{contentsid}, #{nationcode}, #{ottid}, #{gradeid}, #{classid}, #{contentstitle}, #{contentssummary},  #{contentsstart}, #{contentsseason}, #{contentsepisode}, #{contentsscore}, #{contentsduration})  --영상물 추가 시 DEFAULT 출연배우—  INSERT INTO actorjoin VALUES(#{contentsid},999)  --영상물 삭제—  DELETE FROM CONTENTS\_T WHERE CONTENTSID = #{contentsid}  --영상물 정보 수정—  UPDATE CONTENTS\_T SET NATIONCODE = #{nationcode}, OTTID = #{ottid}, GRADEID = #{gradeid}, CLASSID = #{classid}, CONTENTSTITLE = #{contentstitle}, CONTENTSSUMMARY = #{contentssummary}, CONTENTSSTART = #{contentsstart}, CONTENTSSEASON = #{contentsseason}, CONTENTSEPISODE = #{contentsepisode}, CONTENTSSCORE = #{contentsscore}, CONTENTSDURATION = #{contentsduration} WHERE CONTENTSID = #{contentsid}  --영상물 추가 시 이미지 업로드—  INSERT INTO MOVIEFILES(CONTENSTID, MOVIEIMGFILE, INSERTDATE)  VALUES(#{contentsid}, #{moviefilename}, SYSDATE)  --영상물 추가 후 영상물 조회—  SELECT \*FROM (SELECT ROWNUM RN, A.\*  FROM (SELECT \*FROM contents\_t ORDER BY contentsid DESC) A)  WHERE RN BETWEEN #{start} AND #{end}  --영상물 등록시 영상물 아이디 중복확인—  select contentsid FROM contents\_t WHERE contentsid = #{contentsid}  --영상물 등록시 영상물 제목 검색—  select contentstitle from contents\_t |
| 9 | 게시판 | --게시글 조회—  SELECT NUM, NAME, TITLE, CONTENT, READCOUNT, WRITEDATE  FROM BOARD ORDER BY NUM DESC  --게시글 작성—  INSERT INTO BOARD VALUES(BOARDNUMS.NEXTVAL, #{name}, #{title}, #{content}, '0', SYSDATE)  --게시글 상세보기—  SELECT NUM, NAME, TITLE, CONTENT, READCOUNT, WRITEDATE  FROM BOARD WHERE NUM = #{num}  --게시글 삭제—  DELETE FROM BOARD WHERE NUM = #{num}  --게시글 전체 조회—  SELECT NUM, NAME, TITLE, CONTENT, READCOUNT, WRITEDATE, FILENEME  FROM BOARD  WHERE NUM > 0 order by NUM desc, WRITEDATE desc  --게시글 페이징—  SELECT NUM, NAME, TITLE, CONTENT, READCOUNT, WRITEDATE, FILENAME FROM  ( SELECT SEQ, NUM, NAME, TITLE, CONTENT, READCOUNT, WRITEDATE, FILENAME FROM  ( SELECT ROWNUM AS SEQ, NUM, NAME, TITLE, CONTENT, READCOUNT, WRITEDATE, FILENAME FROM  (SELECT \* FROM BOARD, FILES WHERE NUM = BOARDNUM ORDER BY NUM DESC, WRITEDATE DESC))  WHERE SEQ >= #{pageStart} ) WHERE ROWNUM <= #{perPageNum}  --게시글 수정—  UPDATE BOARD SET TITLE = #{title}, CONTENT = #{content} WHERE NUM = #{num} |
|  | 게시글 댓글 | --댓글 불러오기—  SELECT COMEMNTNUM, COMEMNTTYPENUM, ORIGINNUM, COMEMNTUSER, COMEMNTTEXT, COMEMNTDATE  FROM COMMENTTABLE  WHERE COMEMNTTYPENUM = 2 ORDER BY COMEMNTDATE DESC  --댓글 입력—  INSERT INTO COMMENTTABLE VALUES (COMENTSS.NEXTVAL, 2, #{originnum}, #{comemntuser}, #{comemnttext}, SYSDATE)  --댓글 수정—  UPDATE COMMENTTABLE SET COMEMNTTEXT = #{comemnttext} WHERE COMEMNTNUM = #{comemntnum}  --댓글 삭제—  DELETE FROM COMMENTTABLE WHERE COMEMNTNUM =#{comemntnum}  --댓글 전체 삭제—  DELETE FROM COMMENTTABLE WHERE ORIGINNUM =#{originnum}  --댓글 페이징—  SELECT COMEMNTNUM, COMEMNTTYPENUM, ORIGINNUM, COMEMNTUSER, COMEMNTTEXT, COMEMNTDATE FROM  ( SELECT SEQ,COMEMNTNUM, COMEMNTTYPENUM, ORIGINNUM, COMEMNTUSER, COMEMNTTEXT, COMEMNTDATE FROM  ( SELECT ROWNUM AS SEQ, COMEMNTNUM, COMEMNTTYPENUM, ORIGINNUM, COMEMNTUSER, COMEMNTTEXT, COMEMNTDATE FROM  (SELECT \* FROM COMMENTTABLE WHERE ORIGINNUM = #{originnum} ORDER BY COMEMNTNUM DESC))  WHERE SEQ >= #{cri.pageStart} ) WHERE ROWNUM <= #{cri.perPageNum} |