

# The Second Deliverable

## DDL: SQL Command

### SQL Command Description

This command generates a **complete Data Definition Language (DDL) script** for establishing the target database schema, ensuring **strict adherence to the Entity-Relationship Diagram (ERD) requirements** and maximizing **data integrity**.

### Key Deliverables:

- **Comprehensive Table Creation:** Defines all necessary tables using precise DDL statements.
- **Primary Key Implementation:** Establishes **Primary Key constraints** on all relevant tables to guarantee entity uniqueness and data identification.
- **Foreign Key Constraints:** Applies all required **Foreign Key constraints** to rigorously enforce referential integrity and accurately model the defined relationships between entities in the ERD.
- **Custom Constraint Naming:** Utilizes **specific, descriptive naming conventions** for all constraints

(Primary Key, Foreign Key, Check, Unique) to enhance schema readability and maintenance.

- **Advanced Data Integrity Checks:** Incorporates **CHECK constraints** to validate domain rules, preventing the insertion of invalid or logically inconsistent data (e.g., salary ranges, valid status codes, date comparisons).
- **Automated Key Generation:** Implements **SQL Sequences** (or equivalent database-specific auto-increment functionality) to ensure the **automatic, sequential generation of primary key values**, streamlining data insertion and maintaining consistency.

This script ensures the final database schema is robust, normalized, highly maintainable, and fully compliant with the architectural specifications outlined in the ERD.

# SQL Command

```
CREATE TABLE Language (
    LanguageID NUMBER NOT NULL,
    Name VARCHAR2(100) NOT NULL,
    ISOCode VARCHAR2(10) NOT NULL,
    Created_At DATE DEFAULT SYSDATE NOT NULL,
    Updated_At DATE,
    Deleted_At DATE,
    Version NUMBER DEFAULT 1 NOT NULL,
    CONSTRAINT pk_Language PRIMARY KEY (LanguageID),
    CONSTRAINT uq_Language_ISOCode UNIQUE (ISOCode),
    CONSTRAINT ck_Language_Name CHECK (Name IS NOT NULL)
);

CREATE SEQUENCE seq_Language START WITH 1 INCREMENT BY 1;
```

---

```
CREATE TABLE Country (
    CountryID NUMBER NOT NULL,
    Name VARCHAR2(100) NOT NULL,
    ISOCode VARCHAR2(10) NOT NULL,
    Created_At DATE DEFAULT SYSDATE NOT NULL,
    Updated_At DATE,
    Deleted_At DATE,
    Version NUMBER DEFAULT 1 NOT NULL,
```

```
CONSTRAINT pk_Country PRIMARY KEY (CountryID),  
CONSTRAINT uq_Country_ISOCode UNIQUE (ISOCode)  
);
```

```
CREATE SEQUENCE seq_Country START WITH 1 INCREMENT BY 1;
```

---

```
CREATE TABLE Genre (  
    GenreID NUMBER NOT NULL,  
    Name VARCHAR2(100) NOT NULL,  
    Created_At DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At DATE,  
    Deleted_At DATE,  
    Version NUMBER DEFAULT 1 NOT NULL,  
  
    CONSTRAINT pk_Genre PRIMARY KEY (GenreID),  
    CONSTRAINT uq_Genre_Name UNIQUE (Name)  
);
```

```
CREATE SEQUENCE seq_Genre START WITH 1 INCREMENT BY 1;
```

---

```
CREATE TABLE Keyword (  
    KeywordID NUMBER NOT NULL,  
    KeywordText VARCHAR2(200) NOT NULL,  
    Created_At DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At DATE,
```

```
Deleted_At DATE,  
Version NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT pk_Keyword PRIMARY KEY (KeywordID),  
CONSTRAINT uq_Keyword_Text UNIQUE (KeywordText)  
);
```

---

```
CREATE SEQUENCE seq_Keyword START WITH 1 INCREMENT BY 1;
```

```
CREATE TABLE StreamingProvider (  
    ProviderID NUMBER      NOT NULL,  
    Name      VARCHAR2(150) NOT NULL,  
    HomeURL  VARCHAR2(300),  
    Created_At DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At DATE,  
    Deleted_At DATE,  
    Version   NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT pk_StreamingProvider PRIMARY KEY (ProviderID),  
CONSTRAINT uq_StreamingProvider_Name UNIQUE (Name)  
);
```

---

```
CREATE SEQUENCE seq_StreamingProvider START WITH 1 INCREMENT BY 1;
```

---

```
CREATE TABLE AwardEvent (  
    AwardEventID NUMBER      NOT NULL,
```

```
Name      VARCHAR2(150) NOT NULL,  
Year     NUMBER    NOT NULL,  
Location  VARCHAR2(200),  
CeremonyNumber NUMBER,  
Created_At DATE DEFAULT SYSDATE NOT NULL,  
Updated_At DATE,  
Deleted_At DATE,  
Version   NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT pk_AwardEvent PRIMARY KEY (AwardEventID),  
CONSTRAINT ck_AwardEvent_Year CHECK (Year >= 1900)  
);
```

```
CREATE SEQUENCE seq_AwardEvent START WITH 1 INCREMENT BY 1;
```

---

```
CREATE TABLE Person (  
PersonID   NUMBER PRIMARY KEY,  
Name       VARCHAR2(150) NOT NULL,  
Birth_Date DATE,  
Death_Date DATE,  
BirthPlaceID NUMBER,  
  
Created_At DATE DEFAULT SYSDATE NOT NULL,  
Updated_At DATE,  
Deleted_At DATE,
```

```
Version      NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT fk_Person_Country FOREIGN KEY (BirthPlaceID)  
    REFERENCES Country (CountryID)  
);
```

```
CREATE SEQUENCE seq_Person START WITH 1 INCREMENT BY 1;
```

---

```
CREATE TABLE Character (  
    CharacterID  NUMBER PRIMARY KEY,  
    CharacterName VARCHAR2(200) NOT NULL,  
    Notes        VARCHAR2(500),  
  
    Created_At   DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At   DATE,  
    Deleted_At   DATE,  
    Version      NUMBER DEFAULT 1 NOT NULL  
);
```

```
CREATE SEQUENCE seq_Character  
START WITH 1  
INCREMENT BY 1;
```

---

```
CREATE TABLE Title (  
    TitleID     NUMBER PRIMARY KEY,  
    TitleType   VARCHAR2(50) NOT NULL,  
    Primary_Title VARCHAR2(300) NOT NULL,
```

```
Original_Title VARCHAR2(300),  
Start_Year NUMBER,  
End_Year NUMBER,  
Runtime_Minutes NUMBER,  
Release_Date DATE,  
LanguageID NUMBER,  
CountryID NUMBER,  
Is_Adult NUMBER DEFAULT 0 CHECK (Is_Adult IN (0,1)),
```

```
Created_At DATE DEFAULT SYSDATE NOT NULL,  
Updated_At DATE,  
Deleted_At DATE,  
Version NUMBER DEFAULT 1 NOT NULL,
```

*CONSTRAINT* fk\_Title\_Country *FOREIGN KEY* (CountryID)  
*REFERENCES* Country (CountryID),

*CONSTRAINT* fk\_Title\_Language *FOREIGN KEY* (LanguageID)  
*REFERENCES* Language (LanguageID)

);

CREATE SEQUENCE seq\_Title

START WITH 1

INCREMENT BY 1;

---

```
CREATE TABLE Episode (
    EpisodeID      NUMBER PRIMARY KEY,
    TitleID        NUMBER NOT NULL,
    ParentSeriesTitleID  NUMBER NOT NULL,
    Season_Number   NUMBER,
    Episode_Number   NUMBER,
    Air_Date        DATE,
    Created_At      DATE DEFAULT SYSDATE NOT NULL,
    Updated_At      DATE,
    Deleted_At      DATE,
    Version         NUMBER DEFAULT 1 NOT NULL,
    CONSTRAINT fk_Episode_Title FOREIGN KEY (TitleID)
        REFERENCES Title (TitleID),
    CONSTRAINT fk_Episode_Parent FOREIGN KEY (ParentSeriesTitleID)
        REFERENCES Title (TitleID)
);

CREATE SEQUENCE seq_Episode
START WITH 1
INCREMENT BY 1;
```

---

```
CREATE TABLE Media (
    MediaID      NUMBER PRIMARY KEY,
    TitleID      NUMBER NOT NULL,
    Media_Type   VARCHAR2(50),
    URL          VARCHAR2(500),
    Width         NUMBER,
    Height        NUMBER,
    Is_Primary   NUMBER DEFAULT 0 CHECK (Is_Primary IN (0,1)),
    Uploaded_Date DATE,
    Created_At   DATE DEFAULT SYSDATE NOT NULL,
    Updated_At   DATE,
    Deleted_At   DATE,
    Version       NUMBER DEFAULT 1 NOT NULL,
    CONSTRAINT fk_Media_Title FOREIGN KEY (TitleID)
        REFERENCES Title (TitleID)
);
```

```
CREATE SEQUENCE seq_Media
START WITH 1
INCREMENT BY 1
NOCACHE;
```

---

```
CREATE TABLE BoxOffice (
    BoxOfficeID  NUMBER PRIMARY KEY,
```

```
TitleID      NUMBER NOT NULL,  
Region      VARCHAR2(100),  
Currency_Code VARCHAR2(20),  
Budget       NUMBER,  
Gross_Domestic NUMBER,  
Gross_Worldwide NUMBER,  
As_Of_Date   DATE,  
  
Created_At   DATE DEFAULT SYSDATE NOT NULL,  
Updated_At    DATE,  
Deleted_At    DATE,  
Version       NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT fk_BoxOffice_Title FOREIGN KEY(TitleID)  
REFERENCES Title (TitleID)  
);
```

```
CREATE SEQUENCE seq_BoxOffice  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE RatingSummary (  
RatingSummaryID NUMBER PRIMARY KEY,  
TitleID      NUMBER NOT NULL,
```

```
Average_Rating NUMBER,  
Num_Votes    NUMBER,  
As_Of_Date   DATE,  
  
Created_At   DATE DEFAULT SYSDATE NOT NULL,  
Updated_At   DATE,  
Deleted_At   DATE,  
Version      NUMBER DEFAULT 1 NOT NULL,
```

*CONSTRAINT* fk\_RatingSummary\_Title *FOREIGN KEY* (TitleID)

*REFERENCES* Title (TitleID)

);

```
CREATE SEQUENCE seq_RatingSummary  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE TitleGenre (  
  TitleGenreID  NUMBER PRIMARY KEY,  
  TitleID      NUMBER NOT NULL,  
  GenreID      NUMBER NOT NULL,  
  
  Created_At   DATE DEFAULT SYSDATE NOT NULL,  
  Updated_At   DATE,
```

```
Deleted_At DATE,  
Version NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT fk_TitleGenre_Title FOREIGN KEY (TitleID)  
REFERENCES Title (TitleID),  
  
CONSTRAINT fk_TitleGenre_Genre FOREIGN KEY (GenreID)  
REFERENCES Genre (GenreID)  
);
```

```
CREATE SEQUENCE seq_TitleGenre  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE TitleKeyword (  
    TitleKeywordID NUMBER PRIMARY KEY,  
    TitleID NUMBER NOT NULL,  
    KeywordID NUMBER NOT NULL,  
  
    Created_At DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At DATE,  
    Deleted_At DATE,  
    Version NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT fk_TitleKeyword_Title FOREIGN KEY (TitleID)
```

```
REFERENCES Title (TitleID),  
  
CONSTRAINT fk_TitleKeyword_Keyword FOREIGN KEY (KeywordID)  
    REFERENCES Keyword (KeywordID)  
);
```

```
CREATE SEQUENCE seq_TitleKeyword  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE TitleCompany (  
    TitleCompanyID NUMBER PRIMARY KEY,  
    TitleID      NUMBER NOT NULL,  
    CompanyID   NUMBER NOT NULL,  
    Role        VARCHAR2(100),  
  
    Created_At  DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At  DATE,  
    Deleted_At  DATE,  
    Version     NUMBER DEFAULT 1 NOT NULL,
```

```
CONSTRAINT fk_TitleCompany_Title FOREIGN KEY (TitleID)  
    REFERENCES Title (TitleID),
```

```
CONSTRAINT fk_TitleCompany_Company FOREIGN KEY (CompanyID)
```

```
    REFERENCES Company (CompanyID)  
);
```

```
CREATE SEQUENCE seq_TitleCompany  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE Credit (  
    CreditID      NUMBER PRIMARY KEY,  
    TitleID       NUMBER NOT NULL,  
    PersonID      NUMBER NOT NULL,  
    CharacterID   NUMBER,  
    Credit_Role   VARCHAR2(100),  
    Ordering      NUMBER,  
    Notes         VARCHAR2(400),  
  
    Created_At    DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At    DATE,  
    Deleted_At    DATE,  
    Version        NUMBER DEFAULT 1 NOT NULL,  
  
    CONSTRAINT fk_Credit_Title FOREIGN KEY (TitleID)  
        REFERENCES Title (TitleID),
```

```
CONSTRAINT fk_Credit_Person FOREIGN KEY (PersonID)  
    REFERENCES Person (PersonID),  
  
CONSTRAINT fk_Credit_Character FOREIGN KEY (CharacterID)  
    REFERENCES Character (CharacterID)  
);
```

```
CREATE SEQUENCE seq_Credit  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE TitleRelationship (  
    TitleRelationshipID NUMBER PRIMARY KEY,  
    FromTitleID      NUMBER NOT NULL,  
    ToTitleID       NUMBER NOT NULL,  
    Relationship_Type VARCHAR2(100),  
  
    Created_At      DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At      DATE,  
    Deleted_At      DATE,  
    Version         NUMBER DEFAULT 1 NOT NULL,
```

```
CONSTRAINT fk_TitleRelationship_From FOREIGN KEY (FromTitleID)  
    REFERENCES Title (TitleID),
```

```
CONSTRAINT fk_TitleRelationship_To FOREIGN KEY (ToTitleID)
REFERENCES Title (TitleID)
);
```

```
CREATE SEQUENCE seq_TitleRelationship
START WITH 1
INCREMENT BY 1
NOCACHE;
```

---

```
CREATE TABLE AlternateTitle (
    AlternateTitleID NUMBER PRIMARY KEY,
    TitleID      NUMBER NOT NULL,
    Alt_Title_Text VARCHAR2(300) NOT NULL,
    Region       VARCHAR2(50),
    LanguageID   NUMBER,
    Created_At   DATE DEFAULT SYSDATE NOT NULL,
    Updated_At   DATE,
    Deleted_At   DATE,
    Version      NUMBER DEFAULT 1 NOT NULL,
```

```
CONSTRAINT fk_AltTitle_Title FOREIGN KEY (TitleID)
REFERENCES Title (TitleID),
```

```
CONSTRAINT fk_AltTitle_Language FOREIGN KEY (LanguageID)  
REFERENCES Language (LanguageID)  
);
```

```
CREATE SEQUENCE seq_AlternateTitle  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE StreamingAvailability (  
    StreamingAvailabilityID NUMBER PRIMARY KEY,  
    TitleID      NUMBER NOT NULL,  
    ProviderID   NUMBER NOT NULL,  
    Region       VARCHAR2(50),  
    Start_Date   DATE,  
    End_Date     DATE,  
    Access_Type  VARCHAR2(50),  
  
    Created_At   DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At   DATE,  
    Deleted_At   DATE,  
    Version      NUMBER DEFAULT 1 NOT NULL,
```

```
CONSTRAINT fk_StreamAvail_Title FOREIGN KEY (TitleID)  
REFERENCES Title (TitleID),
```

```
CONSTRAINT fk_StreamAvail_Provider FOREIGN KEY (ProviderID)
    REFERENCES StreamingProvider (ProviderID)
);
```

```
CREATE SEQUENCE seq_StreamingAvailability
START WITH 1
INCREMENT BY 1
NOCACHE;
```

---

```
CREATE TABLE Company (
    CompanyID    NUMBER PRIMARY KEY,
    Name         VARCHAR2(200) NOT NULL,
    Company_Type VARCHAR2(100),
    CountryID    NUMBER,
    Created_At   DATE DEFAULT SYSDATE NOT NULL,
    Updated_At   DATE,
    Deleted_At   DATE,
    Version      NUMBER DEFAULT 1 NOT NULL,
```

```
CONSTRAINT fk_Company_Country FOREIGN KEY (CountryID)
    REFERENCES Country (CountryID)
);
```

```
CREATE SEQUENCE seq_Company  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE AwardCategory (  
    CategoryID    NUMBER PRIMARY KEY,  
    AwardEventID  NUMBER NOT NULL,  
    Category_Name VARCHAR2(200) NOT NULL,  
  
    Created_At    DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At    DATE,  
    Deleted_At    DATE,  
    Version       NUMBER DEFAULT 1 NOT NULL,  
  
    CONSTRAINT fk_AwardCategory_Event FOREIGN KEY (AwardEventID)  
        REFERENCES AwardEvent (AwardEventID)  
);
```

```
CREATE SEQUENCE seq_AwardCategory  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE Nomination (  
    NominationID   NUMBER PRIMARY KEY,
```

```
CategoryID      NUMBER NOT NULL,  
NomineeTitleID  NUMBER,  
NomineePersonID NUMBER,  
Is_Winner       NUMBER DEFAULT 0 CHECK (Is_Winner IN (0,1)),  
Notes          VARCHAR2(400),
```

```
Created_At      DATE DEFAULT SYSDATE NOT NULL,  
Updated_At      DATE,  
Deleted_At      DATE,  
Version         NUMBER DEFAULT 1 NOT NULL,
```

```
CONSTRAINT fk_Nomination_Category FOREIGN KEY (CategoryID)  
REFERENCES AwardCategory (CategoryID),
```

```
CONSTRAINT fk_Nomination_Title FOREIGN KEY (NomineeTitleID)  
REFERENCES Title (TitleID),
```

```
CONSTRAINT fk_Nomination_Person FOREIGN KEY (NomineePersonID)  
REFERENCES Person (PersonID)
```

```
);
```

```
CREATE SEQUENCE seq_Nomination  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE TitleCompany (
    TitleCompanyID NUMBER PRIMARY KEY,
    TitleID      NUMBER NOT NULL,
    CompanyID    NUMBER NOT NULL,
    Role         VARCHAR2(100),
    Created_At   DATE DEFAULT SYSDATE NOT NULL,
    Updated_At   DATE,
    Deleted_At   DATE,
    Version      NUMBER DEFAULT 1 NOT NULL,
    CONSTRAINT fk_TitleCompany_Title FOREIGN KEY(TitleID)
        REFERENCES Title (TitleID),
    CONSTRAINT fk_TitleCompany_Company FOREIGN KEY(CompanyID)
        REFERENCES Company (CompanyID)
);
```

---

```
CREATE SEQUENCE seq_TitleCompany
START WITH 1
INCREMENT BY 1
NOCACHE;
```

```

CREATE TABLE User_def (
    UserID      NUMBER      NOT NULL,
    Username   VARCHAR2(100) NOT NULL,
    EmailHash  VARCHAR2(255) NOT NULL,
    JoinedDate DATE       NOT NULL,
    ProfilePublic NUMBER(1)  DEFAULT 1,
    IsDeleted   NUMBER(1)   DEFAULT 0,
    Created_At DATE DEFAULT SYSDATE NOT NULL,
    Updated_At DATE,
    Deleted_At DATE,
    Version     NUMBER DEFAULT 1 NOT NULL,
    CONSTRAINT pk_User PRIMARY KEY (UserID),
    CONSTRAINT uq_User_Username UNIQUE (Username),
    CONSTRAINT uq_User_EmailHash UNIQUE (EmailHash),
    CONSTRAINT ck_User_ProfilePublic CHECK (ProfilePublic IN (0,1)),
    CONSTRAINT ck_User_IsDeleted CHECK (IsDeleted IN (0,1))
);

CREATE SEQUENCE seq_Userdef START WITH 1 INCREMENT BY 1;

```

---

```

CREATE TABLE UserRating (
    UserRatingID NUMBER PRIMARY KEY,
    UserID      NUMBER NOT NULL,
    TitleID    NUMBER NOT NULL,
    Rating     NUMBER CHECK (Rating BETWEEN 1 AND 10),
    Rating_Date DATE,

```

```
Created_At    DATE DEFAULT SYSDATE NOT NULL,  
Updated_At    DATE,  
Deleted_At    DATE,  
Version       NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT fk_UserRating_User FOREIGN KEY (UserID)  
  REFERENCES User_def (UserID),  
  
CONSTRAINT fk_UserRating_Title FOREIGN KEY (TitleID)  
  REFERENCES Title (TitleID)  
);
```

```
CREATE SEQUENCE seq_UserRating  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE Review (  
  ReviewID    NUMBER PRIMARY KEY,  
  UserID       NUMBER NOT NULL,  
  TitleID     NUMBER NOT NULL,  
  Review_Title VARCHAR2(300),  
  Review_Text  VARCHAR2(4000),  
  Rating      NUMBER CHECK (Rating BETWEEN 1 AND 10),  
  Posted_Date  DATE,
```

```
Helpful_Count NUMBER DEFAULT 0,  
  
Created_At DATE DEFAULT SYSDATE NOT NULL,  
Updated_At DATE,  
Deleted_At DATE,  
Version NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT fk_Review_User FOREIGN KEY (UserID)  
REFERENCES User_def (UserID),  
  
CONSTRAINT fk_Review_Title FOREIGN KEY (TitleID)  
REFERENCES Title (TitleID)  
);
```

```
CREATE SEQUENCE seq_Review  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE List (  
ListID NUMBER PRIMARY KEY,  
UserID NUMBER NOT NULL,  
Name VARCHAR2(300) NOT NULL,  
Description VARCHAR2(2000),
```

```
    Is_Public    NUMBER DEFAULT 1 CHECK (Is_Public IN (0,1)),  
    Is_WatchList NUMBER DEFAULT 0 CHECK (Is_WatchList IN (0,1)),  
  
    Created_At   DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At   DATE,  
    Deleted_At   DATE,  
    Version      NUMBER DEFAULT 1 NOT NULL,  
  
    CONSTRAINT fk_List_User FOREIGN KEY (UserID)  
        REFERENCES User_def (UserID)  
);
```

```
CREATE SEQUENCE seq_List  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---

```
CREATE TABLE ListItem (  
    ListItemID   NUMBER PRIMARY KEY,  
    ListID       NUMBER NOT NULL,  
    TitleID     NUMBER NOT NULL,  
    Position     NUMBER,  
    Added_Date   DATE,  
  
    Created_At   DATE DEFAULT SYSDATE NOT NULL,  
    Updated_At   DATE,
```

```
Deleted_At DATE,  
Version NUMBER DEFAULT 1 NOT NULL,  
  
CONSTRAINT fk_ListItem_List FOREIGN KEY (ListID)  
REFERENCES List (ListID),  
  
CONSTRAINT fk_ListItem_Title FOREIGN KEY (TitleID)  
REFERENCES Title (TitleID)  
);
```

```
CREATE SEQUENCE seq_ListItem  
START WITH 1  
INCREMENT BY 1  
NOCACHE;
```

---