

# **[DB] 프로젝트 1**

## **:요구사항 분석 및 ERD 설계**

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### **1. Project Scenario**

The OTT platform company provides its members with original content and content from distributors and differentiated services based on each subscription service grade, and the administrators are responsible for publishing and administering the content and the content details, and the members can rate the content that they'd watched and add the content of interest to a bookmark, and the company collects the member's engagement data.

## **2. DB Requirements Document**

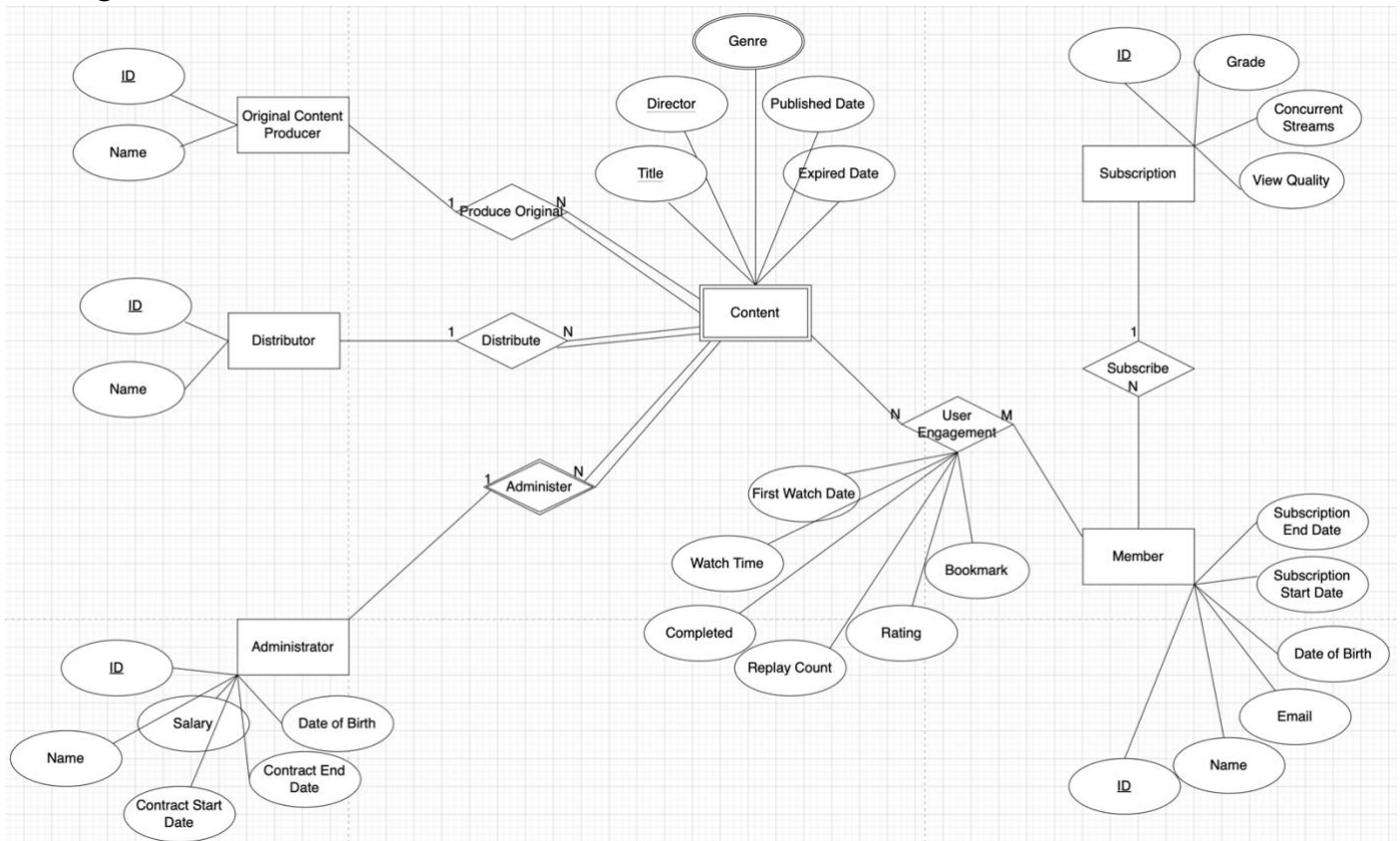
- 2.1 Administrator (Entity) is identified by ID (Identifier) and has Name, Salary, Contract Start Date, Contract End Date, Date of Birth (Attribute).
- 2.2 Content (Entity) is identified by Title, Director, Administrator ID (Identifier) and has Published Date, Expired Date, Genre ID, Original Content Producer ID, Distributor ID (Attribute).
- 2.3 ContentGenre (Entity) is identified by Genre ID, Content Administrator ID, Content Title, Content Director (Identifier).
- 2.4 Distributor (Entity) is identified by ID (Identifier) and has Name (Attribute).
- 2.5 Genre (Entity) is identified by ID (Identifier) and has Name (Attribute).
- 2.6 Member (Entity) is identified by ID (Identifier) and has Name, Email, Date of Birth, Subscription Start Date, Subscription End Date, Subscription ID (Attribute).
- 2.7 Member Engagement (Entity) is identified by Member ID, Content Administrator ID, Content Title, Content Director (Identifier) and has First Watch Date, Watch Time, Completed, Replay Count, Rating, Bookmark (Attribute).
- 2.8 Original Content Producer (Entity) is identified by ID (Identifier) and has Name (Attribute).
- 2.9 Subscription (Entity) is identified by ID (Identifier) and has Grade, Concurrent Streams, View Quality (Attribute).
- 2.10 Administrator can publish Content on the platform.
- 2.11 The source of Content is sourced from Original Content Producer or Distributor.
- 2.12 Member can leave Rating for Content that Member had watched.
- 2.13 Member can add Content of interest to Bookmark.
- 2.14 Member with Subscription to the platform service can watch Content.

### 3. Chen Diagram

#### 3.1 Entity

Administrator, Content, Distributor, Member, Original Content Producer, Subscription

#### 3.2 Diagram



## 4. IE Diagram

### 4.1 Entity

Administrator, Content, ContentGenre, Distributor, Genre, Member, Member\_Engagement, Original\_Content\_Producer, Subscription

### 4.2 Diagram

