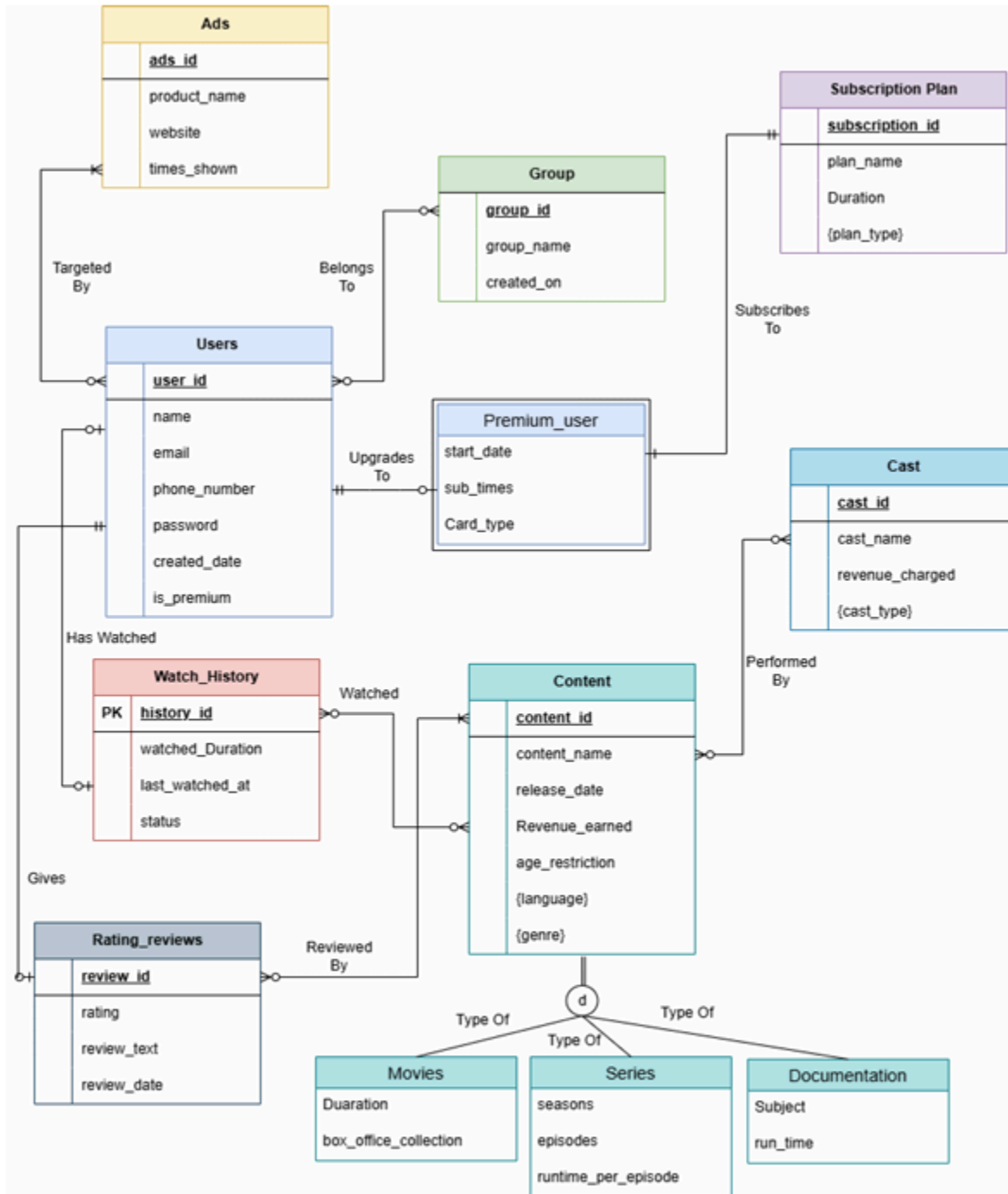
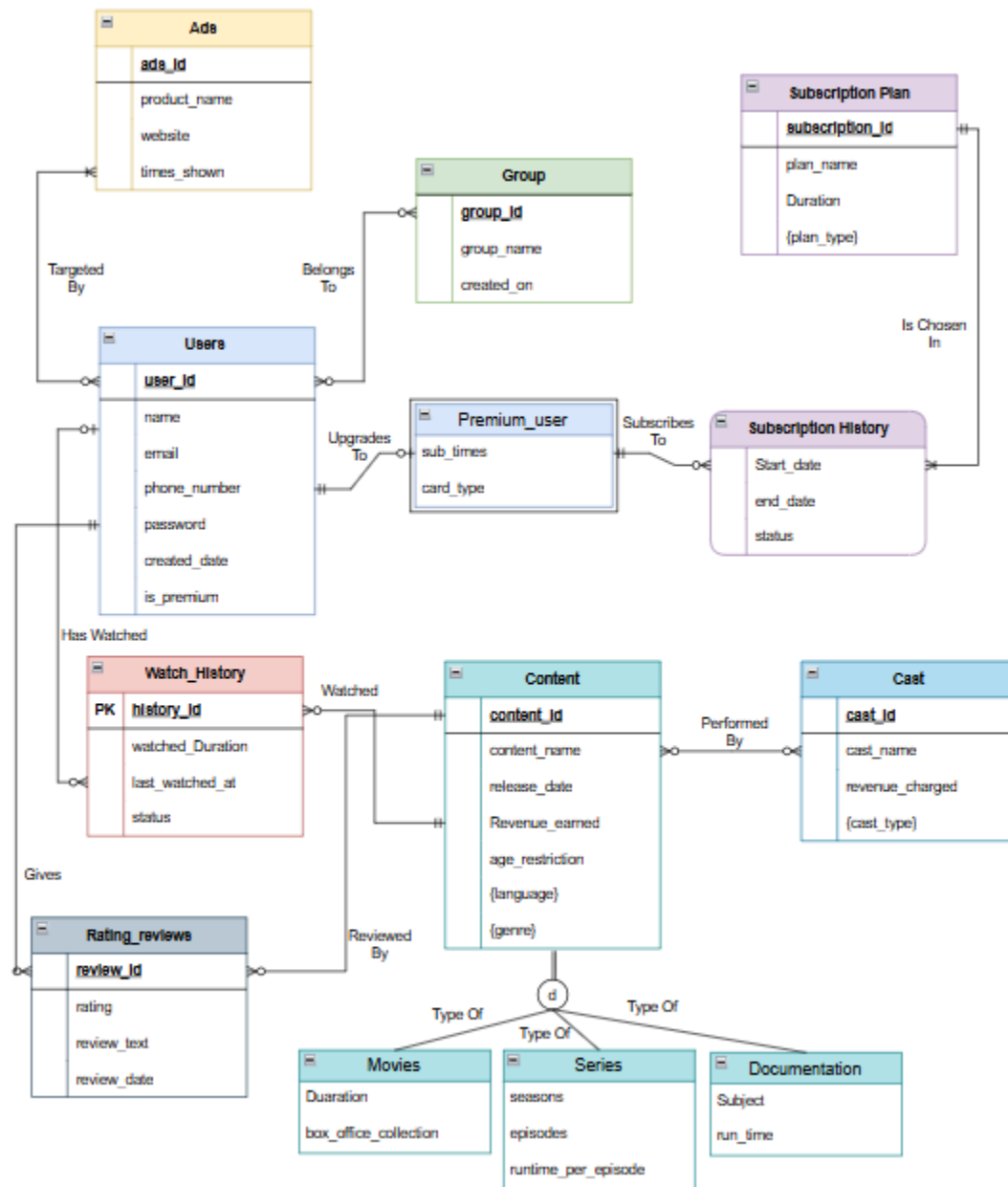


P3 - Logical ERD Model

Initial Conceptual ERD



Updated Conceptual ERD



Here are the key changes made in the updated ERD (second image) compared to the initial ERD (first image):

1. Subscription History Table Added

- The updated ERD introduces a new **Subscription History** table.
- Attributes: **start_date**, **end_date**, and **status**.

- This table tracks user subscription history instead of directly linking the subscription plan to users.
- 2. **Modification in Subscription Relationship**
 - In the initial ERD, users subscribed directly to the **Subscription Plan**.
 - In the updated ERD, users now subscribe via the **Subscription History** table, which records past and active subscriptions.
- 3. **Adjustment in Premium_user Table**
 - In the initial ERD, **Premium_user** had attributes **start_date**, **sub_times**, and **Card_Type**.
 - In the updated ERD, **start_date** has been removed from **Premium_user** and moved to the **Subscription History** table.
 - Now, **Premium_user** only retains **sub_times** and **card_type**.
- 4. **Changes in Table Names & Relationships**
 - In the updated ERD, **Subscription Plan** now **connects to Subscription History** instead of directly to **Users**.
 - The relationship between **Users** and **Subscription Plan** is now handled through **Subscription History**.

Initial Logical ERD:-

