Relational Database for Streaming Service

ER Diagram

Entities:

1. MOVIE
2. ACTOR
3. ACCOUNT
4. USER PROFILE
5. SUBSCIPTION TIER
6. PAYMENT
7. DEVICE
8. WATCH SESSION

Relationships:

No.	Relationship	Entities	Cardinality
1.	Is Linked To	Account, Device	$(1, N_1) - (1,1)$
2.	Is Under	Account, User Profile	$(1, N_2) - (1,1)$
3.	Starring	Movie, Actor	$(1, N_7) - (1, N_6)$
4.	Is Subscribed To	Account, Subscription Tier	$(0,1) - (0, N_5)$
5.	Has Made	Account, Payment	$(0, N_3) - (1,1)$
6.	Made For	Payment, Subscription Tier	$(0, N_4) - (1,1)$
7.	Watched On	Device, Watch Session	$(0, N_{10}) - (1,1)$
8.	Watched During	Movie, Watch Session	$(0, N_8) - (1,1)$
9.	By	User Profile, Watch Session	$(0, N_6) - (1,1)$