Solution of Q1

Primary Key: Movie_id, Actor_id, Reviewer_id

FD1: Movie_id, Actor_id -> Actor_role

FD2: Movie_id, Reviewer_id -> Movie_rating

FD3: Actor_id -> Actor_name

FD4: Reviewer_id -> Reviewer_name

FD5: Genre_id -> Genre

1NF:

Already in 1NF

2NF:

Removing FD1, FD2, FD3 and FD4

Movie_id	Movie_Title	Genre_id	Genre	Language	Date_release	Release_country	Movie_Rating	Actor_id	Actor_name	Reviewer_id	Reviewer_name	Number_of_ratings	Actor_ role

Movie_id	Movie_Title	Genre_id	Genre	Language	Date_release	Release_country

Actor_id	Movie -id	Actor_role

Reviewer_id	Movie_id	Movie_ratings

Actor_id	Actor_name

Reviewer_id	Reviewer_name

3NF:

Removing FD5

Movie_id	Movie_Title	Genre_id	Genre	Language	Date_release	Release_country

Movie_id	Movie_Title	Language	Date_release	Release_country

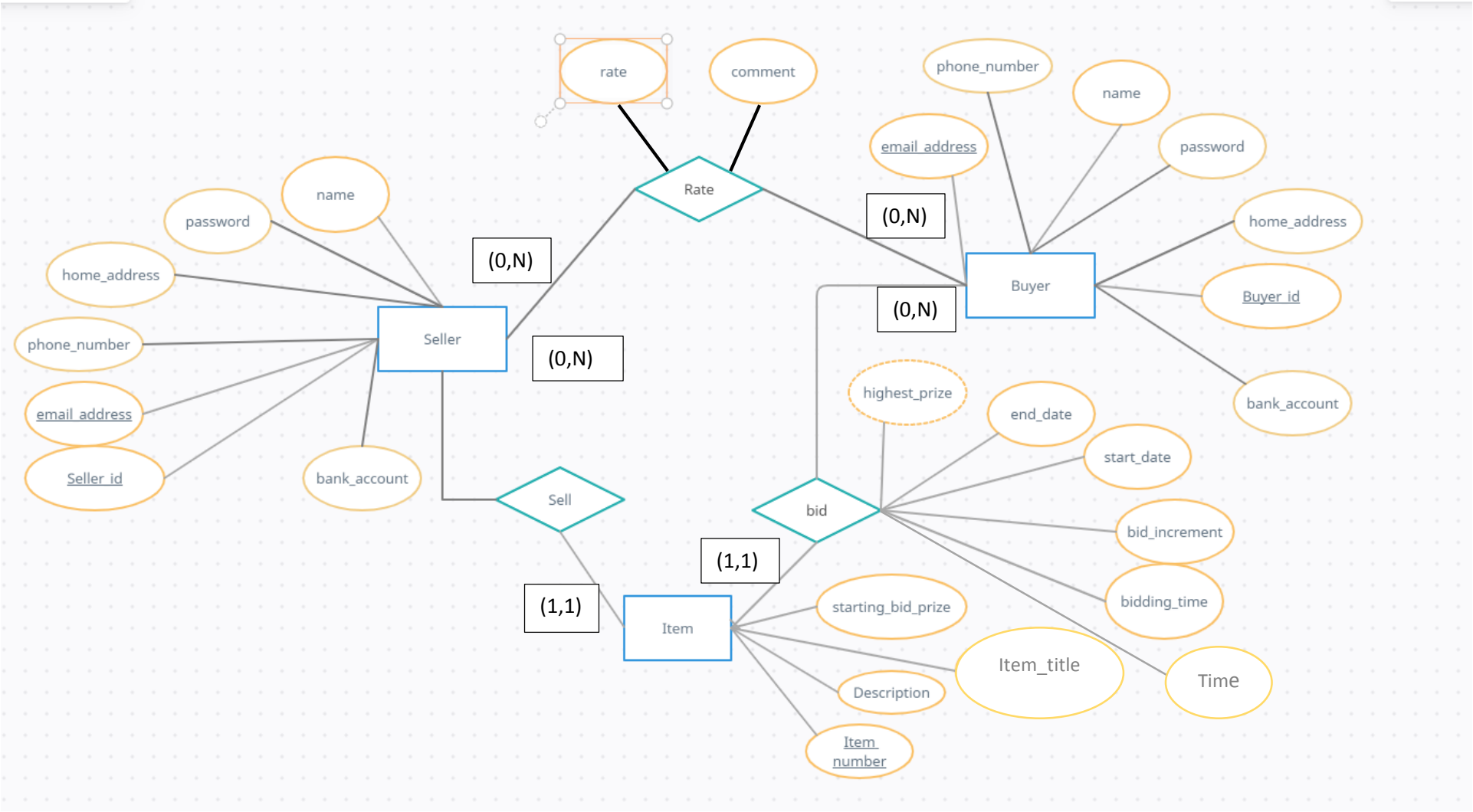
Actor_id	Movie -id	Actor_role

Reviewer_id	Movie_id	Movie_ratings

Actor_id	Actor_name

Reviewer_id	Reviewer_name

Genre_id	Genre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