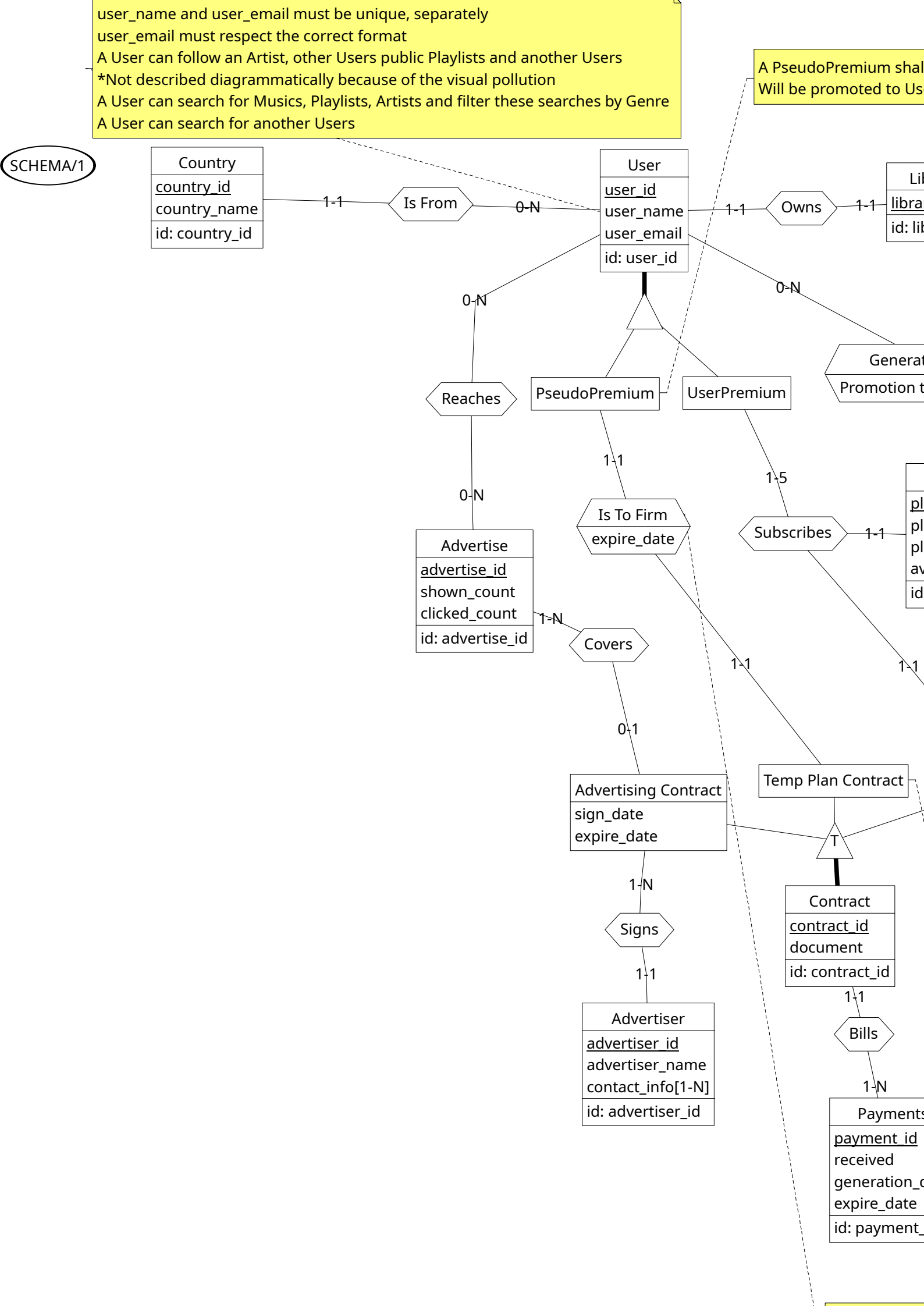
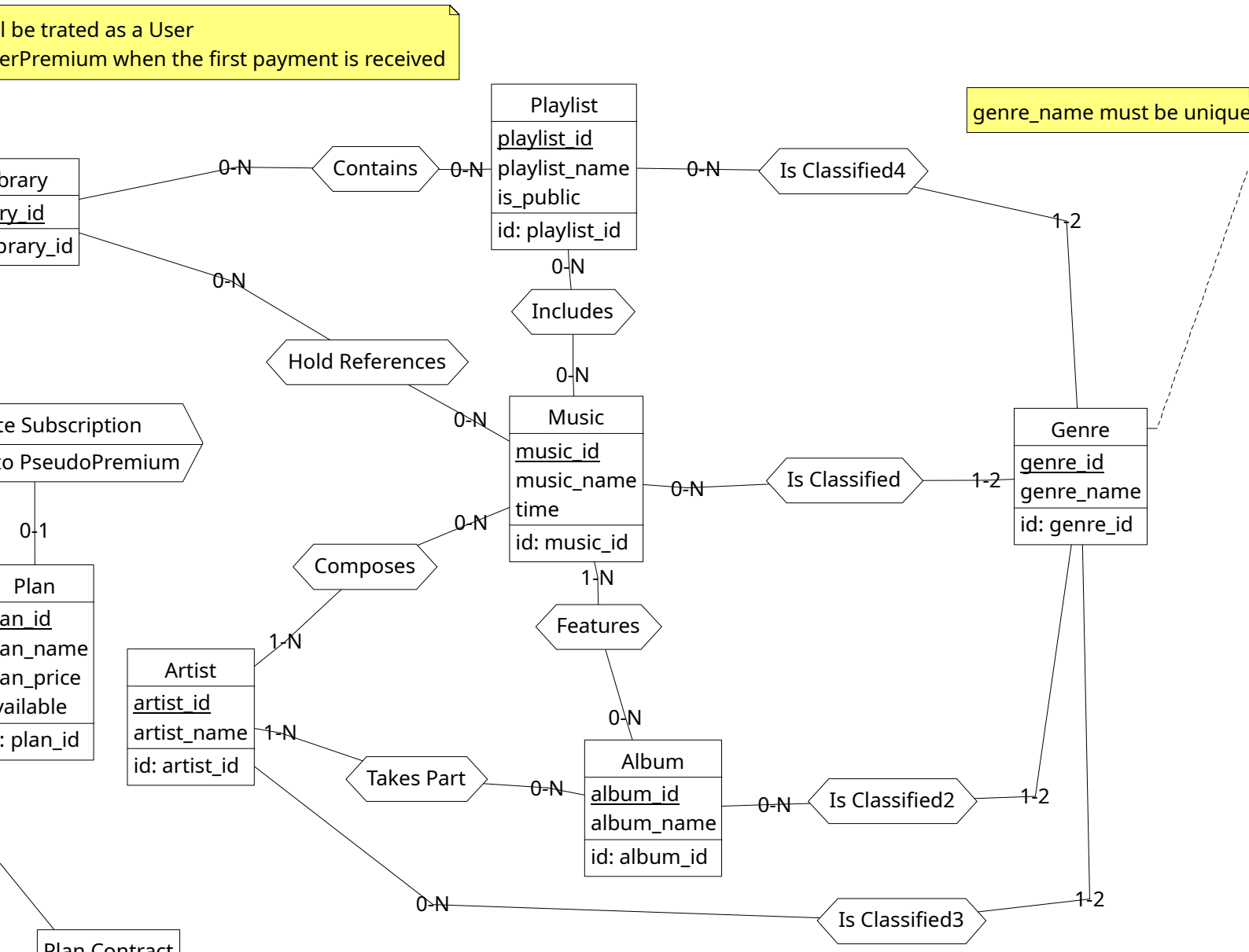

user_name and user_email must be unique, separately
user_email must respect the correct format
A User can follow an Artist, other Users public Playlists and another Users
*Not described diagrammatically because of the visual pollution
A User can search for Musics, Playlists, Artists and filter these searches by Genre
A User can search for another Users
A PseudoPremium shal
Will be promoted to Us
SCHEMA/1
Country
country_id
country_name
id: country_id
1-1
Is From
0-N
User
user_id
user_name
user_email
id: user_id
1-1
Owns
1-1
Li
libra
id: lib
0-N
0-N
Reaches
PseudoPremium
UserPremium
Generat
Promotion t
1-1
1-5
0-N
Is To Firm
expire_date
Subscribes
1-1
pl
pl
pl
av
id
Advertise
advertise_id
shown_count
clicked_count
id: advertise_id
1-N
Covers
1-1
1-1
0-1
Advertising Contract
sign_date
expire_date
Temp Plan Contract
T
1-N
Signs
Contract
contract_id
document
id: contract_id
1-1
1-1
Bills
1-N
Advertiser
advertiser_id
advertiser_name
contact_info[1-N]
id: advertiser_id
Payments
payment_id
received
generation_
expire_date
id: payment_


l be trated as a User
erPremium when the first payment is received
Playlist
playlist_id
playlist_name
is_public
id: playlist_id
genre_name must be unique
brary
ry_id
brary_id
0-N
Contains
0-N
0-N
Is Classified4
1-2
0-N
Includes
Hold References
0-N
te Subscription
o PseudoPremium
0-N
Music
music_id
music_name
time
id: music_id
0-N
Is Classified
1-2
Genre
genre_id
genre_name
id: genre_id
0-1
0-N
Composes
1-N
Plan
an_id
an_name
an_price
vailable
: plan_id
Features
1-N
Artist
artist_id
artist_name
id: artist_id
0-N
1-N
Takes Part
0-N
Album
album_id
album_name
id: album_id
0-N
Is Classified2
1-2
0-N
Is Classified3
1-2
Plan Contract
sign_date
expire_date
holder_id
holder_id is an user_id that identifies the contract holder
holder_id must be unique
Will be promoted to Plan Contract when the first payment is received
s
date
id
When received is changed to True, must trigger a check for the promotion of Temp Plan Contract, if is the case

If expire_date
The demotion

e is reached, the PseudoPremium user will be demoted to User
n generates a cascade deletion of the relationship, the respective Temp Plan Contract and the Payment entry