Name = Jannat
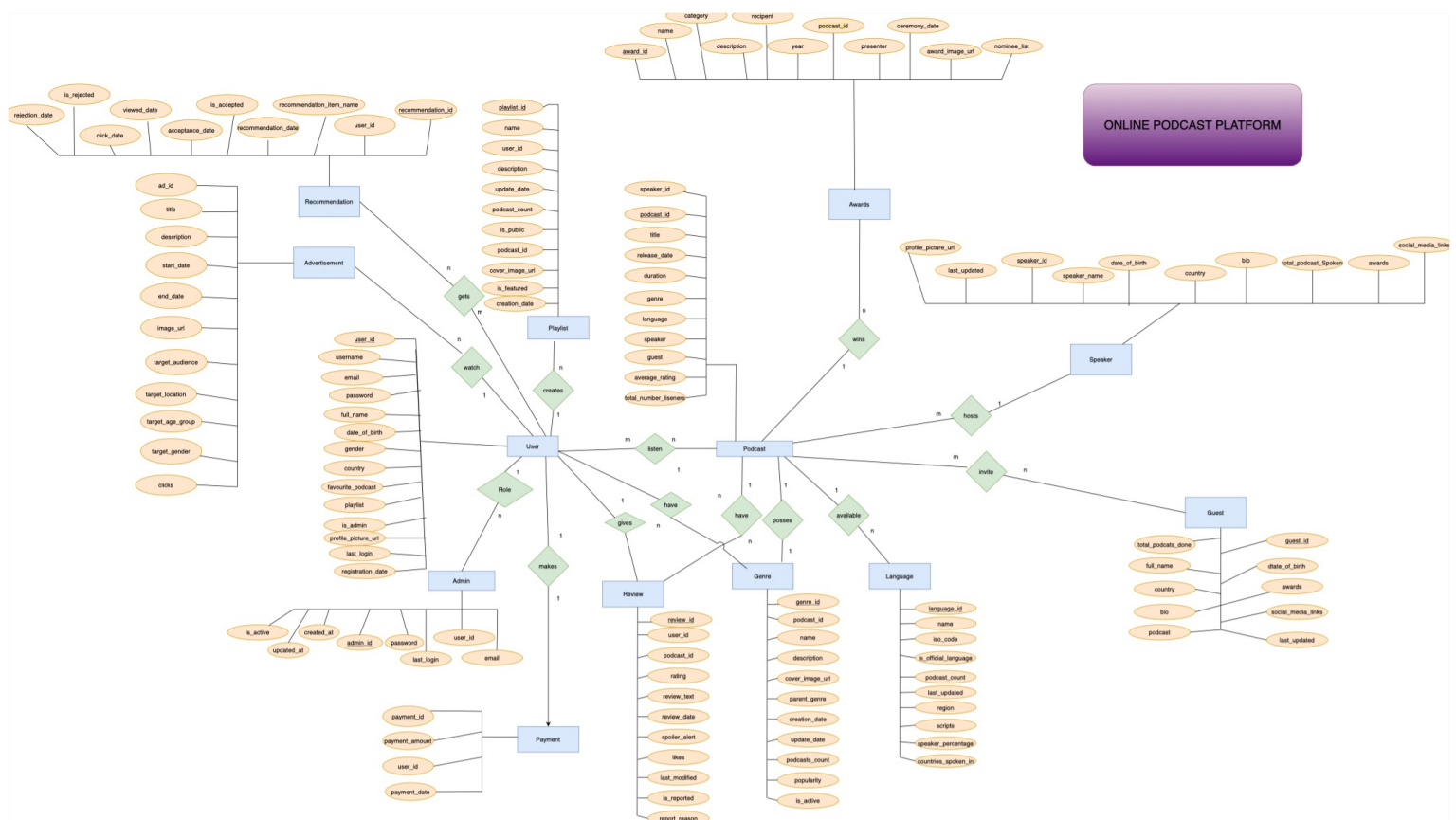**Roll no = 2347226**
Domain = Online Podcast Platform

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ENTITIES

1. Podcast

2. User

3. Genre

4. Review

5. Language

6. Speaker

7. Guest

8. Award

9. Playlist

10. Recommendation

11. Role

12.Payment

13.Admin

Attributes and Data Types:

Podcast:

    1.podcast_id(Integer) : Unique Identifier for the product.

    2.user_id: Foreign key referencing to the User entity

    2.title(String) : Title of the podcast

    3.release_date(Date) : Release date of the podcast

    4.duration(Integer) : Time period of the complete podcast

    5.genre(String) : Genre of the podcast

    6.language(String) : Foreign key referencing to the podcast entity

    7.speaker(String) : Speaker of the podcast

    8.speaker_id(Integer): Id of the speaker

    9.guest(String) : Guest in the podcast

    10.average_rating(Float) : Rating of the podcast

    11.total_number_listener(Integer) : Total number of people, who listen the
                       podcast

User:

    1.user_id(Integer) : Unique Identifier for the user

    2.username(String) : Name of the user

    3.email(String) : Email id of the user

    4.password(String) : Password for the account of user

    5.full_name(String) : Full name of the user

    6.date_of_birth(Date) : Date of birth of the user

    7.gender(String) : Gender of the user

    8.country(String) : Country to which user belong

    9.favourite_podcast(Integer) : Foreign key referencing to the Podcast entity

    10.playlist(playlist_id) : Foreign key referencing to the Playlist entity

    11.registration_date(DateTime) : Registration date of the user

    12.profile_picture_url(String) : Profile picture of the user

    13.is_admin(Boolean) : Is the user admin as well?

    14.last_login(DateTime) : Last login date and time of the user

    15.favourite_genre : Foreign key referencing to the Genre entity

Review:

    1.review_id(Integer) : Unique identifier for the review

    2.user_id(Integer) : Foreign key referencing to the User entity

3. podcast_id(Integer): Foreign key referencing to the Podcast entity

4.rating(Float) : Rating of the user that the podcast about which user wrote review

5.review_text(String) : Review ,what the user wrote

6.review_date(DateTime) : Date and time at which the user wrote the review

7.spoiler_alert(Boolean) : Have the user wrote any spoiler alert?

8.likes(Integer) : Total number of likes on each review individually

9.last_modified(DateTime) : When was the review modified

10.is_reported(Boolean) : Have anyone reported any specific review

11.report_reason(String) : Reason why was review reported

Genre:

1.genre_id(Integer) : Unique identifier for the genre

2.podcast_id(String) : Foreign key referencing to the podcast entity

3.name(String) : Name of the Genre

4.description(Text) : Description about each genre individually

5.cover_image_url(String) : cover image for the genre

6.parent_genre: parent genre of any genre

7.creation_date(Date) - When was the genre created

8.update_date(Date) : When was the genre updated last time

9.podcasts_count(Integer) : Total number of podcasts in each genre individually

10.popularity(Float) : Popularity of any genre in terms of 1 to 10

11.is_active(Boolean) : is the genre still exist and activated or not

Language :

1.language_id(Integer) : Unique identifier for language

2.name(String) : Name of the language

3.iso_code(String) : code for each language(en, es, fr ,etc)

4.countries_spoken_in(String):Countries which speaks that language

5.is_official_language(Boolean): Is the language official or just local language for a small community or tribe

6.podcast_count(Integer) : total number of podcast in that specific language

7.last_updated(DateTime) : last updation date of a language

8.region(String) : Region of the origin of a language

9.scripts(String) : Scripts written in a language

10.speaker_percentage(Float) : Number of people speaking that language

Speaker:

1.speaker_id(Integer) : Unique identifier for speaker

2.speaker_name(String) : Full name of the speaker

3.date_of_birth(Date) : date of birth of the speaker

4.country(String) : Country from which the speaker belong

5.bio(Text) : Bio of the speaker

6.total_podcast_spoken(Integer) - Total number of podcast directed by a speaker

7.podcast_id(Integer) : Foreign key referencing to the Podcast entity

8.awards(String) : Awards received by the speaker

9.social_media_links(String) : Social media links of the speaker

10.last_updated(DateTime) : Last date of the details updation

11.profile_picture_url(String) : Profile picture of the speaker

Guest:

1.guest_id(Integer) : Unique identifier for guest

2.full_name(String) : Full name of the guest

3.date_of_birth(Date) : Date of Birth of the guest

4.country(String) : Country from which the guest belong

5.bio(Text) : About the guest

6.total_podcasts_done(Integer) : total number of podcasts done by an guest

7.podcast(Integer) : Foreign key referencing to the podcast entity

8.awards(Strings) : Awards received by an guest

9.social_media_links(String) : Links of the social media accounts of the guest

10.last_updated(DateTime) : last date of updation of the guest's profile

Recommendation:

1.recommendation_id(Integer) : Unique Identifier for the recommendation

2.recommendation_item_name(String) : Name of the recommendation

3.user_id(Integer): Foreign key referencing to the User entity

4.recommendation_date(Date) :Date on which the recommendation is received by the user

5.is_accepted(Boolean): Have the user accepted the recommendation

6.is_rejected(Boolean): Have the user rejected the recommendation

7.viewed_date(Date):The date on which the user viewed the recommendation

8.click_date(Date):The date on which the user clicked the recommendation

9.rejection_date(Date): Date on which the user rejected the recommendation

10.acceptance_date(Date): Date on which the user accepted the recommendation

Award :

1.award_id(Integer): Unique Identifier for the Award

2.name(String) : Name of the Award

3.category(String) : Category under which the award is

4.description(Text) : Description of the award

5.year(Integer) : Year in which the award was represented

6.recipient(String) : Name of the person who received the award

7.podcast_id(Integer) :Foreign key referencing to the podcast entity

8.presenter(String) : Name of the person who presented the award

9.ceremony_date(DateTime) : Ceremony on which the award was presented

10.award_image_url(String) : Image of the award

11.nominee_list(Strings) : Name of the people who were nominated

Playlist:

1.playlist_id(Integer) : Unique Identifier for the playlist

2.name(String) : Name of the playlist

3.user_id(Integer): Foreign key referencing to the User entity

4.description(Text) : Description about the playlist

5.creation_date(Date) : Date on which the playlist was created

6.update_date(Date) : Date on which the playlist was updated

7.podcast_count(Integer) : Number of podcast in the playlist

8.is_public(Boolean) : Is the playlist public or not

9.podcast_id(String) : Foreign key referencing the Podcast user

10.cover_image_url(String) : cover image of the playlist

11.is_featured(Boolean) : Is the podcast been featured or not

Advertisement:

1.ad_id(Integer) : Unique Identifier for the advertisement

2.user_id(integer): Foreign key referencing to the User entity

2.title(String) : Title for the advertisement

3.description(Text) : Description of the advertisement

4.start_date(Date) : Date on which the advertisement was started

5.end_date(Date) : Date on which the advertisement was ended

6.image_url(String) : Image of the advertisement

7.target_audience(String) : Target audience for a particular ad

8.target_location(String) : Target location for a particular ad

9.target_age_group(String) : Target audience age group for a particular ad

10.target_gender(String) : Target audience gender for a particular ad

11.clicks(Integer) : Number of clicks on an advertisement

Payment:

1.payment_id(Integer) : Unique Identifier for the payment

2.payment_amount(integer) : Amount of the payment

3.user_id : Foreign key referencing to the User entity

4.payment_date : Date on which the payment

Admin:

1. admin_id(Integer) : Unique Identifier for admin

2. user_id(Integer): Foreign key referencing to the User entity

3. password(String) : Password of the admin profile

4. email(String) : Password of the admin profile

5. last_login(Date) : Login date of the admin profile

6. is_active(Boolean) : Is the account active or not

7. created_at(Date) : Date on which the admin role was created

8. updated_at(Date) : Date on which the admin role was updated