

# SPRINT 4

Fuente editable en: <https://editor.plantuml.com/uml>

Pegar lo siguiente:

```
@startuml
' Diagrama Entidad-Relación SnapNation
' Tema claro y legible
!theme plain

entity "communities" as communities {
    *id : INT <<PK>>
    --
    code : VARCHAR(10) <<UNIQUE>>
    name : VARCHAR(100)
    created_at : TIMESTAMP
}

entity "users" as users {
    *id : INT <<PK>>
    --
    username : VARCHAR(50) <<UNIQUE>>
    email : VARCHAR(255) <<UNIQUE>>
    password_hash : VARCHAR(255)
    display_name : VARCHAR(100)
    avatar_url : VARCHAR(500)
    role : ENUM('user','admin')
    community_id : INT <<FK>>
    created_at : TIMESTAMP
    updated_at : TIMESTAMP
}

entity "categories" as categories {
    *id : INT <<PK>>
    --
    slug : VARCHAR(50) <<UNIQUE>>
    name : VARCHAR(100)
}

entity "themes" as themes {
    *id : INT <<PK>>
    --
    title : VARCHAR(150)
    description : TEXT
    start_date : DATE
    end_date : DATE
}
```

```
    is_active : BOOLEAN
    created_at : TIMESTAMP
}

entity "photos" as photos {
    *id : INT <<PK>>
    --
    user_id : INT <<FK>>
    theme_id : INT <<FK>>
    community_id : INT <<FK>>
    category_id : INT <<FK>>
    title : VARCHAR(150)
    description : TEXT
    image_url : VARCHAR(1000)
    thumb_url : VARCHAR(1000)
    is_moderated : BOOLEAN
    is_deleted : BOOLEAN
    created_at : TIMESTAMP
}

entity "votes" as votes {
    *id : INT <<PK>>
    --
    photo_id : INT <<FK>>
    user_id : INT <<FK>>
    created_at : TIMESTAMP
}

entity "winners" as winners {
    *id : INT <<PK>>
    --
    theme_id : INT <<FK>>
    community_id : INT <<FK>>
    photo_id : INT <<FK>>
    position : INT
    votes_count : INT
    awarded_at : TIMESTAMP
}

entity "moderations" as moderations {
    *id : INT <<PK>>
    --
    photo_id : INT <<FK>>
    moderator_id : INT <<FK>>
    action : ENUM('removed','flagged','approved')
    reason : TEXT
}
```

```

    created_at : TIMESTAMP
}

entity "notifications" as notifications {
    *id : INT <<PK>>
    --
    user_id : INT <<FK>>
    type : VARCHAR(50)
    payload : JSON
    is_read : BOOLEAN
    created_at : TIMESTAMP
}

'-----
' RELACIONES
'-----

' users pertenece a una comunidad
users }|--|| communities : "community_id"

' photos están asociadas a user, theme, community y categoría
photos }|--|| users : "user_id"
photos }|--|| themes : "theme_id"
photos }|--|| communities : "community_id"
photos }|--o| categories : "category_id"

' votos -> fotos y usuarios
votes }|--|| photos : "photo_id"
votes }|--|| users : "user_id"

' winners relaciona fotos, temas y comunidades
winners }|--|| photos : "photo_id"
winners }|--|| themes : "theme_id"
winners }|--o| communities : "community_id"

' moderaciones -> fotos y usuarios (moderadores)
moderations }|--|| photos : "photo_id"
moderations }|--|| users : "moderator_id"

' notificaciones -> usuarios
notifications }|--|| users : "user_id"

@enduml

```