

# MetalVerse Relational Schema

## 1. Article (Supertype)

article_id	INT (PK)	Primary key for the article.
article_type	ENUM	Discriminator (Band, Album, Concert, General).
title	VARCHAR(255)	Title of the article.
content	TEXT	Content of the article.
created_at	DATETIME	Timestamp when the article was created.
author	VARCHAR(100)	Author of the article.
likes	INT	Number of likes.
dislikes	INT	Number of dislikes.
user_id	INT (FK)	Foreign key referencing User.

## 2. Band Article (Subtype)

band_article_id	INT (PK)	Primary key for the band article.
article_id	INT (FK)	Foreign key referencing Article.
band_name	VARCHAR(100)	Name of the band.
genre	VARCHAR(50)	Genre of the band.
formation_year	YEAR	Year the band was formed.

## 3. Album Article (Subtype)

album_article_id	INT (PK)	Primary key for the album article.
article_id	INT (FK)	Foreign key referencing Article.
band_name	VARCHAR(100)	Name of the band.
album_name	VARCHAR(100)	Name of the album.
genre	VARCHAR(50)	Genre of the album.
release_year	YEAR	Year the album was released.

## 4. Concert Article (Subtype)

concert_article_id	INT (PK)	Primary key for the concert article.
article_id	INT (FK)	Foreign key referencing Article.
concert_name	VARC HAR(100)	Name of the concert.
concert_date	DATE	Date of the concert.
venue	VARCHAR(100)	Venue of the concert.
city	VARCHAR(50)	City where the concert took place.
country	VARCHAR(50)	Country where the concert took place.

## 5. General Article (Subtype)

general_article_id	INT (PK)	Primary key for the general article.
article_id	INT (FK)	Foreign key referencing Article.
topic	VARCHAR(100)	Topic of the general article.

## 6. User

user_id	INT (PK)	Primary key for the user.
username	VARCHAR(50)	Username of the user.
email	VARCHAR(100)	Email of the user.
password_hash	VARCHAR(255)	Hashed password of the user.
role	ENUM	Role of the user (normie/admin).
badge	{VARCHAR}	All badges that the user has.
created_at	DATETIME	Timestamp when the user was created.

## 7. react

article_id, user_id (PK)	composite	Primary key
article_id	INT (FK)	Foreign key referencing Article.
user_id	INT (FK)	Foreign key referencing User.
type	ENUM	Type of interaction (like/dislike).
created_at	DATETIME	Timestamp when the interaction occurred.

## 8. Comment

comment_id	INT (PK)	Primary key for the comment.
article_id	INT (FK)	Foreign key referencing Article.
user_id	INT (FK)	Foreign key referencing User.
content	TEXT	Content of the comment.
created_at	DATETIME	Timestamp when the comment was created.

## 9. Forum Thread

thread_id	INT (PK)	Primary key for the thread.
title	VARCHAR(255)	Title of the thread.
user_id	INT (FK)	Foreign key referencing User.
created_at	DATETIME	Timestamp when the thread was created.

## 10. Forum Post

post_id	INT (PK)	Primary key for the post.
thread_id	INT (FK)	Foreign key referencing Forum Thread.
content	TEXT	Content of the post.
user_id	INT (FK)	Foreign key referencing User.
created_at	DATETIME	Timestamp when the post was created.

## 11. Blast Beats

blast_beats_id	INT (PK)	Primary key for the blast beat.
user_id	INT (FK)	Foreign key referencing User.
points	INT	Number of earned points.
level	INT	Current level of user.