Database Schema (Work in Progress/not final)

Users
- id (Primary Key)
- username (Unique)
- password
- first_name
- last_name
- email (Unique)
- is_admin (Boolean)
- role (Enum: 'customer', 'artist', 'venue')

Events
- id (Primary Key)
- name
- description
- date
- venue_id (Foreign Key to Venue)
- ticket_price
- total_tickets
- tickets_sold

EventArtists
- id (Primary Key)
- event_id (Foreign Key to Event)
- artist_id (Foreign Key to Artist)

Tickets
- id (Primary Key)
- event_id (Foreign Key to Event)
- user_id (Foreign Key to User)
- purchase_date
- quantity

Artists
- id (Primary Key)
- name
- bio
- availability (Date range or specific dates)
- user_id (Foreign Key to User)

Venues
- id (Primary Key)

- name
- location
- capacity
- user_id (Foreign Key to User)

Merchandise
- id (Primary Key)
- artist_id (Foreign Key to Artist)
- name
- description
- price
- stock

Orders
- id (Primary Key)
- user_id (Foreign Key to User)
- order_date
- total_price
- status (e.g., Pending, Completed)

OrderItems
- id (Primary Key)
- order_id (Foreign Key to Order)
- merch_id (Foreign Key to Merch)
- quantity
- price

Relationships (work in progress/not final)

A User can be a Customer (Fan), an Artist, or a Venue owner, but only one of these roles.
An Event is associated with one Venue and multiple Artists.
A User can purchase multiple Tickets for different Events.
An Artist can have multiple Merch items.
An Order can contain multiple OrderItems.

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