Activity:

You have been hired as a database designer for a music event management system. The system allows event organisers to create and manage music festivals. Each festival features multiple artists, and users can buy tickets to attend these festivals. Your task is to design an ERD based on the following business rules.

Business Rules:
1. All entities should have surrogate primary keys.
2. The system must store each festival's name, location, and start & end dates.
3. The system must keep a record of artists, storing their stage name and genre.
4. When organising a festival, event organisers book multiple artists to perform. Each artist can also perform at multiple festivals.
5. Users can purchase tickets for festivals. A ticket is tied to a specific user and a specific festival, and it must include the purchase date and ticket price.
6. A user can purchase multiple tickets for different festivals, but each ticket belongs to only one festival.
7. The system should store each user's first and last name.