

Day 1 - ERD

Draw an E-R diagram for the database presented above

- 1-Musicana records have decided to store information on musicians who perform on their albums in a database. The company has wisely chosen to hire you as a database designer.
- Each musician that is recorded at Musicana has an ID number, a name, an address (street, city) and a phone number.
 - Each instrument that is used in songs recorded at Musicana has a unique name and a musical key (e.g., C, B-flat, E-flat).
 - Each album that is recorded at the Musicana label has a title, a copyright date, and an album identifier (unique).
 - Each song recorded at Musicana has a unique title and an author.
 - Each musician may play several instruments, and a given instrument may be played by several musicians.
 - Each album has a number of songs on it, but no song may appear on more than one album.
 - Each song is performed by one or more musicians, and a musician may perform a number of songs.
 - Each album has exactly one musician who acts as its producer. A producer may produce several albums.

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- 2-Your friend owns a café and needs a system to manage table reservations and orders. Design an ERD that includes Customers, Tables, Orders, and Staff, with clear relationships and key attributes for each entity.