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A music company has decided to store information about musicians who perform on its albums as well as other company data in a database. The company has wisely chosen to hire you as a database designer.
- Each musician that records at company has an unique id, name, an address, phone number.
- Each instrument used in songs recorded at company has a name (e.g. guitar, synthesizer, flute etc.) and a musical key (e.g. C, B-flat, E-flat)
- Each album recorded on the company label has a title, a copyright date, a format (e.g. CD or MC) and an album identifier
- Each song recorded at company has a 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 musician may produce several albums
Draw an E-R diagram for the database