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 unique title, a copyright date, and an album identifier.

•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

.Design a conceptual schema for Musicana. Be sure to indicate all keys and cardinality constraints and any assumptions that you make.