Notown records have decided to store information on musicians who perform on their albums (as well as other company data) in a database. The company has chosen to hire you as a database designer.

* Each musician that records at Notown has an SSN, a name, an address and a phone number. Poorly paid musicians often share the same address, and no address has more than one phone.
* Each instrument that is used in songs recorded at Notown has a name (e.g. guitar, synthesizer, flute) and a musical key (e.g., C, B‐flat, Eflat).
* Each album that is recorded at the Notown label has a title, a copyright date, a format (e.g., CD or MC) and an album identifier.
* Each song recorded at Notown has an id, 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.

1. Draw an ER/EER diagram for Notown.
2. Indicate the primary key and the foreign key(s) of each relation clearly in your answer.
3. Map the ER/EER Diagram in to a relational Model.