Exercise 1: No town Records

Entities and relationships (ER diagram):

- **Musician** (SSN [underlined], name, address, phone #)
  - make [1,N] — [1,1] **Album**
  - performs [1,N] — [1,N] **Song**
  - play [1,N] — [1,N] **Instrument**
- **Album** (title, copyright date, format, album identifier [underlined])
  - contains [1,N] — [1,1] **Song**
- **Instrument** (Musical key [underlined], name [underlined])
- **Song** (title, author)
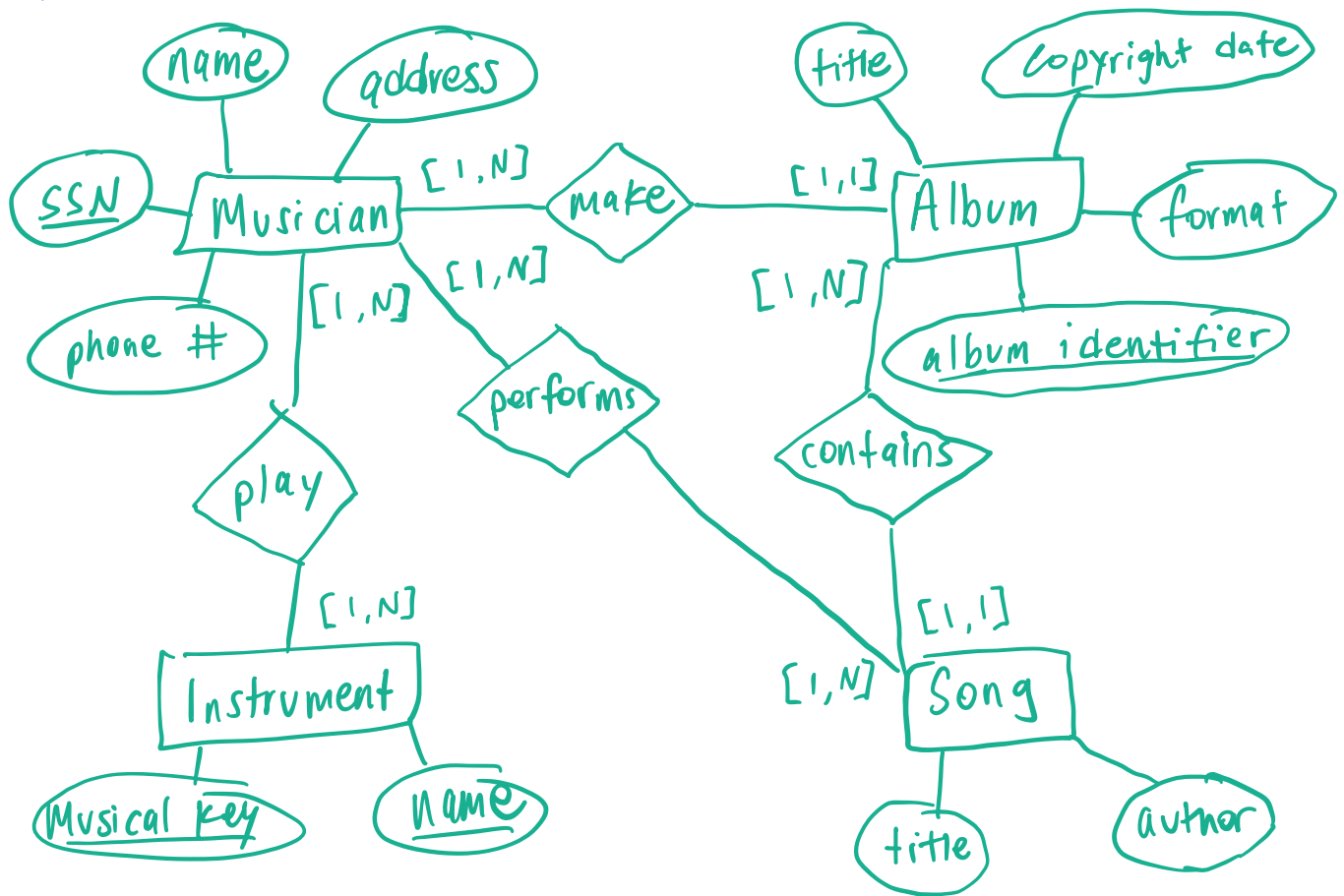
Exercise 2: Dane County Airport

ER Diagram with the following elements:

Employee (entity) with attributes:
- Union member id
- SSN (underlined)

ISA (triangle) connecting Employee to Technician and Traffic Control

Technician (entity) with attributes:
- Salary
- name
- address
- phone number

Traffic Control (entity) with attribute:
- recent exam date

expert (relationship) connecting Technician to model

model (entity) with attributes:
- Weight
- Capacity
- model number

test (relationship/entity) with attributes:
- maximum possible score
- FAA test number (underlined)
- name

Airplane (entity) with attribute:
- registration number

type (relationship) connecting model to Airplane

test information (relationship) connecting Airplane to test with attributes:
- score
- hours
- date