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CS 340: Databases

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Game of Thrones Database

Game of Thrones is a fictional television series based on a series of books by George R. R. Martin. The show features people, houses, cities, and many other entities that are ideal for cataloging in a relational database.

## Entities

* Episodes
  + Season
  + Name
  + Original air date
  + Director
* Characters
  + Name
  + House
  + Birthplace
  + Short biography or summary
* Houses
  + Name
  + Motto
  + Sygil
  + Seat
* Locations
  + Name
  + House
  + Continent
  + Slave or Free

## Relationships

* Characters to episodes (many to many)
  + A character will appear in many episodes and an episode will feature many characters.
* Characters to houses (many to one)
  + A house can comprise many characters but each character can only be part of one house.
* Houses to locations (one to one)
  + Each location (Winterfell, for example) corresponds with one house (the Starks) and vice versa.
* Characters to locations (many to many)
  + Many characters can be associated with many locations. This association will exist if this character has ever visited this location.