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Exercise: More designing classes

Design classes to represent the any three different enterprises that you find.

For each one, describe the class in English, then draw the class diagram.

We’ll discuss your examples in class.

1. Hotel room

A medium sized enclosed space furnished for short term living, located within a larger building comprised of other similar spaces; each of which can be purchased for use on a day by day basis

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| Hotel room |
| Room number  Floor number  Price  Number of beds  Square feet  Smoking / non smoking  Room phone number extension |

1. Item in a grocery store

A product, typically food, which is sold to consumers by a retailer.

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| Grocery store item |
| Name  Price  Location in store  SKU / PLU  Brand name  Country of origin  Information/instructions unique to the item |

1. Movie showing in a movie theatre

A professionally made video production that features actors that act out a particular story for the viewer’s entertainment

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| Movie |
| Title  Actors  Producer / director  Ticket price  MPAA rating  Movie description  Length of movie  Show times |