Nouns & Verbs

Nouns

* casino
* ATM
* person
  + ssn
  + dob
  + age
* player
  + wallet
  + stack
  + hand(s)
  + Status
* dealer
  + wallet
  + stack
* cashier
  + wallet
  + stack
* map
  + area (poker, slots, dining, etc.)
* game
  + name
  + numOfPlayers
  + gameType
    - machine
    - table
  + table
  + rulebook
    - rules
      * minBet/maxBet
      * ante
      * minPlayers/maxPlayers
      * double down
      * split
* table
  + players
  + dealer
  + status (open/closed)
  + pot
  + shoe
    - size
    - decks
    - shuffle card
  + discard pile
  + size
  + seat(s)
* deck
  + type
  + cards
  + size
* card
  + cardName
  + cardValue
  + suit
* hand
  + cards
  + handValue
  + outcome
* Stack
  + chip
    - color
    - chipValue

Relationships

* Casino (HAS A )
  + ATM
  + map
  + list of table(s)
  + list of game(s)
  + list of person(s)
* (IS A) Person
  + Player
  + Dealer
  + Cashier
* Player (HAS A)
  + wallet
  + stack
  + hand(s)
* Dealer (HAS A)
  + wallet
  + stack
* Cashier (HAS A)
  + wallet
  + stack
* Table (HAS A)
  + Pot
  + Shoe
  + DiscardPile
  + list of seats
  + list of Players
  + Dealer
* Game (HAS A)
  + Table
  + name
  + minBet
  + maxBet
  + ante
  + numPlayers
  + Round
* Deck (HAS A)
  + Card
* Card (HAS A)
  + cardName
  + cardValue
  + Suit
* Suit (HAS A)
  + symbol
  + color
* Hand (HAS A)
  + Card
  + visible
  + handValue
  + isBlackJack
  + Outcome
* Chip (HAS A)
  + color
  + chipValue

Verbs

* enter
* navigate
* withdraw money
* buy chips
* join game
* assign seat
* leave game
* shuffle
  + cut
* bet
* set active players
* deal
  + give card
  + burn card
* offer insurance/insure hand
* evaluate hand
* split
* double down
* hit
* stand
* bust
* reveal whole card
* hit
* stand
* bust
* settle hands
  + collect
  + pay
* end round
* cash out
* deposit
* exit casino