Casino/Blackjack Experience

As a player…

1. enter casino/login to casino site?
   1. demographics e.g. age, background, taxes
   2. banned/barred players
2. get cash from ATM
3. buy chips from the cashier
4. find a table/game/area
   1. limit
   2. rules
   3. game type
   4. open seats
5. sit at an open seat
6. wait to enter a round/active hand?
7. previous round ends
8. check shoe size
9. reshuffle?
   1. cut deck
10. players must ante up
    1. place bet between min and max
11. lock in table positions
12. round begins
13. deal
    1. clockwise
    2. first card face up each player and dealer
    3. second card face up each player
       1. facedown to dealer (hole card)
14. insurance options
15. check for blackjacks
    1. dealer does not have blackjack
       1. payout player blackjacks
    2. dealer has blackjack
       1. collect bets without blackjack
       2. return bets of a draw
       3. round ends
16. enter play
    1. clockwise for each player
    2. calculate possible hand value
    3. stand?
       1. go to next player
    4. play options
       1. double down with total 9,10, or 11
          1. hit one card
          2. calculate
             1. bust?

dealer collects bet

* + 1. split equal value cards
       1. create another hand
          1. add original bet to the split hand
          2. add one card each
          3. play options from left to right hands

blackjack?

double down option

split option

…

stand

hit

stand

bust

bet collected

* + 1. hit
       1. calculate possible value
       2. bust?
          1. bet collected
       3. stand
       4. hit
    2. move to next player
  1. dealer play
     1. turn up hole card
     2. calculate hand value
        1. ace must be 11 if total is 17 or more
     3. value >= 17 hit
     4. value less than 17 hit
        1. calculate hand value
           1. bust ?

payout bets

end round

* + - * 1. less than 17 hit
  1. Settlement
     1. clockwise compare dealer to player hands
        1. player win/payout
        2. player lose/collect
        3. tie return bet

1. end round
2. players can join/leave table
3. back to #8 check shoe to reshuffle before next round