

Player
<div><div><div>- DEFAULT_PLAYER_BALANCE :int</div><div>- username :String</div><div>- Balance :int</div><div>- holeCards :Stack<Card></div><div>- currentBet :int</div><div>- isFolded :boolean</div><div>- scanner :Scanner</div><div>- action :String</div><div>- handValue :HandValue</div></div></div>
<div><div>+ Player(String)</div><div>+ Player(String, int)</div><div>+ init() :void</div><div>+ displayPlayerInfo() :void</div><div>+ getBalance() :int</div><div>+ getAction() :String</div><div>+ getCurrentBet() : int</div><div>+ getIsFolded() : boolean</div><div># canPlay(): boolean</div><div># givePlayerCard(Card): void</div><div># getUsername() :String</div><div>+ check() :int</div><div>+ fold() :int</div><div>+ call(int) :int</div><div>+ raise() :int</div><div>+ bet(int) :int</div><div>+ jam() : int</div><div>+ getPlayerBetValue(int) :int</div><div>+ collectPot(int) :void</div><div>+ evaluateHand(List<Card>) :void</div><div>+ compareHandTo(Player) :int</div><div>+ printPossibleActions(int) :String</div><div>+ toString :String</div></div>

HAND VALUE
<div><div><div>- handValue :List<Integer></div><div>- holeAndColumnCommunityCards :List<Card></div><div>- wasEvaluated :boolean</div><div>- ACE_LOW_VALUE :int</div><div>- ACE_HIGH_VALUE :int</div><div>- HAND_VALUE_CARD_COUNT :int</div><div>- TWO_PAIR_VALUE_LIST_SIZE :int</div></div><div><div>- PAIR_VALUE_LIST_SIZE :int</div><div>- THREE_OF_A_KIND_VALUE_LIST_SIZE int</div><div>- init :void</div><div>- evaluateHand :void</div><div>- findRoyalFlushOrStraightFlush() :void</div><div>- findFourOfAKind() :void</div><div>- findFullHouse() :void</div><div>- findFlush() :void</div><div>- findStraight() :void</div><div>- findThreeOfAKind() :void</div><div>- findTwoPairs() :void</div><div>- findPair() :void</div><div>- findHighCard() :void</div></div></div>
<div><div>+ HamdValue(List<Card>, List<Card>)</div><div>+ compareTo(HandValue) :int</div><div>+ equals(Object) :boolean</div><div>+ hashCode() :int</div><div>+ isGreaterThan(HandValue) :boolean</div><div>+ toString() :String</div></div>

TABLE
<div><div><div>- TABLE_MINIMUM_BET :int</div><div>- TABLE_SEATS :int</div><div>- Pot :int</div><div>- Deck :Decl</div><div>- communityCards :Stack<Card></div><div>- Players :List<Player></div><div>- tableIsFull :boolean</div><div>- dealerIndex :int</div><div>- smallBlindIndex :int</div><div>- bigBindIndex :int</div><div>- firstToBetIndex :int</div><div>- activePlayers :int</div><div>- amountToCall :int</div><div>- init() :void</div><div>- callStageMethod() :void</div><div>- stagePreFlop(Stage) :void</div><div>- dealingStage(Stage) :void</div><div>- stageShowDown() :void</div><div>- giveWinnersPot(List<Player>) :void</div><div>- setDealerAndBlinds() :void</div><div>- dealEachPlayerOneCard() :void</div><div>- requestSmallBlind() :void</div><div>- requestBigBlind() :void</div><div>- goThroughRoundOfBetting() :void</div><div>- getNextValidatedPlayerIndex(int) :int</div><div>- dealToTable(int) :void</div><div>- toString() :String</div></div></div>
<div><div>+ Table()</div><div>+ getActivePlayers() :int</div><div>+ playerJoinsGame(Player) :void</div><div>+ playMatch() :void</div></div>

ValueComparator
<div><div>+ compare(Card, Card) :int</div></div>

SuitComparator
<div><div>+ compare(Card, Card) :int</div></div>

<<enumeration>> Suit
<div><div>Diamonds</div><div>Clubs</div><div>Hearts</div><div>Spades</div></div>

<<enumeration>> HandRankings
<div><div>ROYAL_FLUSH</div><div>STRAIGHT_FLUSH</div><div>FOUR_OF_A_KIND</div><div>FULL_HOUSE</div><div>FLUSH</div><div>STRAIGHT</div><div>THREE_OF_A_KIND</div><div>TWO_PAIRS</div><div>PAIR</div><div>HIGH_CARD</div></div>

<<enumeration>> Stage
<div><div>PRE_FLOP</div><div>FLOP</div><div>TURN</div><div>RIVER</div><div>SHOWDOWN</div></div>

CARD
<div><div>- suitName :String</div><div>- suitValue :int</div><div>- suitCharacter :Character</div><div>- value :int</div></div>
<div><div>+getSuitName(): String</div><div>+getSuitValue(): Integer</div><div>+getSuitCharacter(): Character</div></div>

DECK
<div><div>- Cards :Stack<Card></div><div>- usedCards :Stack<Card></div><div>- CARDS_PER_SUIT :int</div></div>
<div><div>+ Deck()</div><div>+ init() :void</div><div>+ shuffle() :void</div><div>+ resetDeck() :void</div><div>+ dealCard() :Card</div><div>+ toString() :String</div></div>