# **PokerCardHandler**

sizeOfHand : int deck : CardDeck

playerHand : HashMap <Integer, Card> cardsToReplace : HashMap <Integer, Boolean>

+ dealHand () : HashMap + showHand() : String

setCardsToReplace (int[]): void

replaceCards (): void

# **PokerGameController**

pokerCards : PokerCardsHandler parser : PokerInputParser

payout : PokerPayout playerMoney : double

gameType: HashMap <Integer, String>

playerPoker (): void

# **PokerInputParser**

parseUserInput (String) : int[]

+ method(type): type

# **PokerPayout**

betSize : int

gamePayoutOdds: HashMap < String, Integer >

setBetSize (int) : void getBetSize () : int

payWinnings (String) : double setGamePayoutOdds(String) : void

# **PokerChecker**

- + flushChecker( HashMap<Integer,Card> ) : boolean
- + straightChecker( HashMap<Integer,Card> ) : boolean
- + royalChecker( HashMap<Integer,Cards> ) : boolean
- + convertToRankOrdinalArray( HashMap<Integer,Cards> ): int[]
- + fourOfAKindChecker( HashMap<Integer,Cards> ): boolean
- + countOfMatchesFromLeft(int[]): int
- + countOfMatchesFromRight(int[]): int
- + fullHouseChecker( HashMap<Integer,Cards> ) : boolean
- + twoPairChecker( HashMap<Integer,Cards> ) : boolean
- + jacksOrBetterChecker( HashMap<Integer, Cards> ): boolean
- + getWinConditionThatIsMet( HashMap<Integer, Cards> ) : String