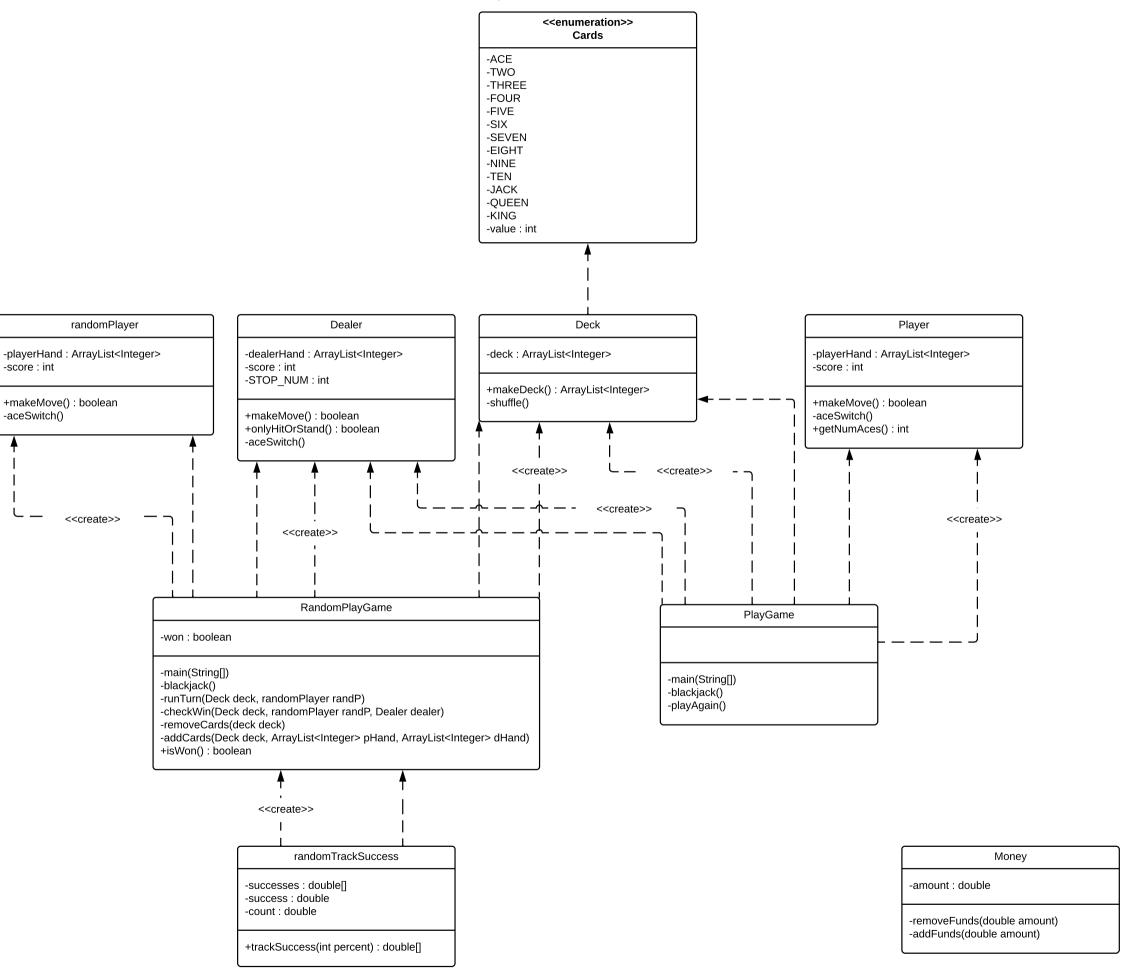
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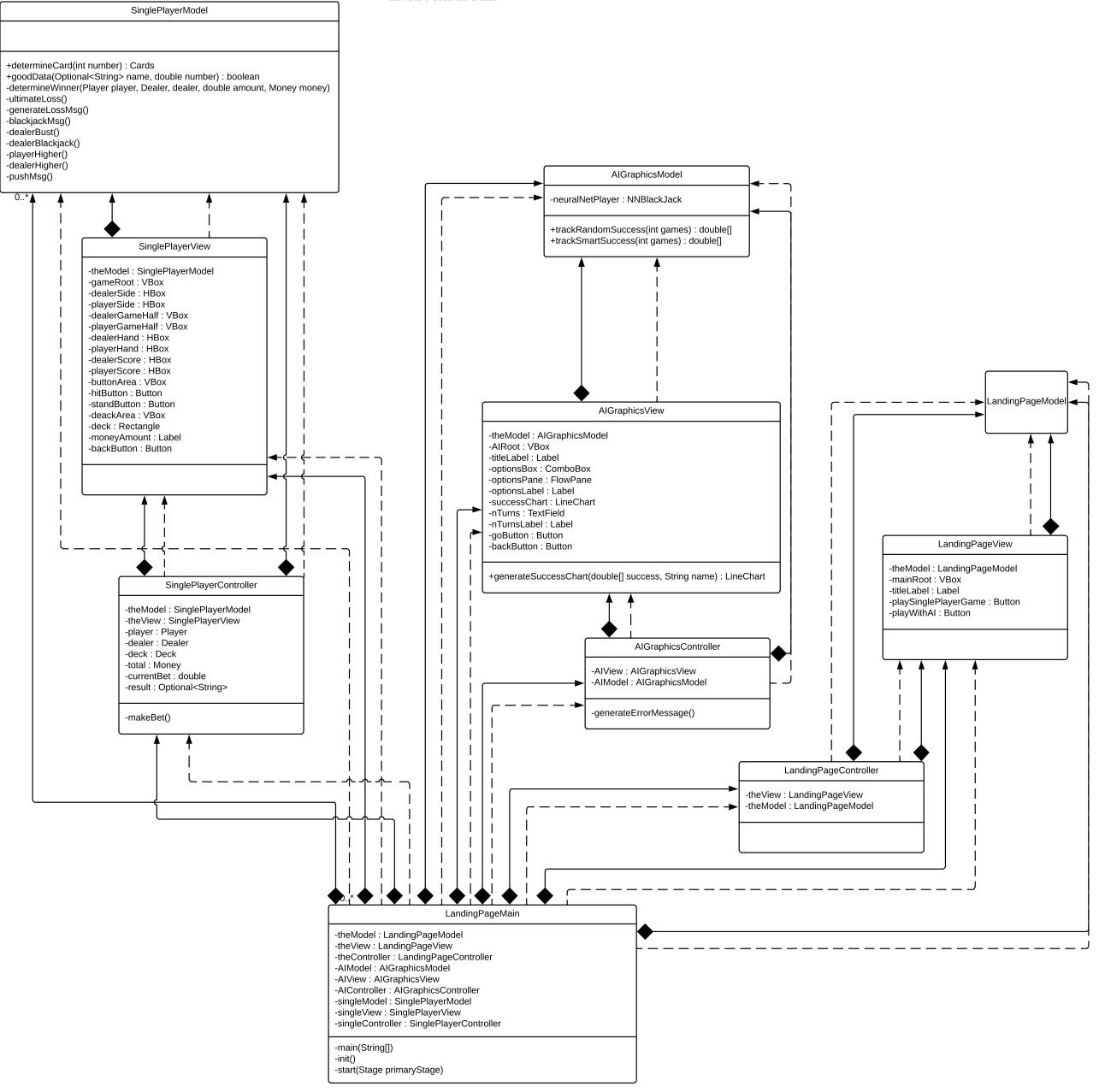
### **DeckOfCards**

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#### GetCard

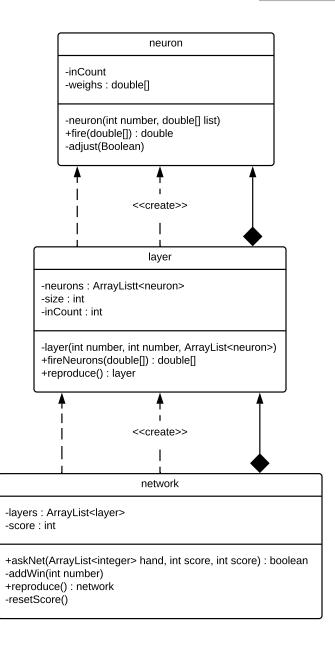
+getAppropriateCard(Cards card) : Rectangle +createRectangle() : Rectangle +getFace(String name) : Image +createFaceDownCard() : Rectangle

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### **NeuralNet**

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| NeuralNetSolver                         |
|---|
|   |
|   |
| +runFile() : Process<br>-main(String[]) |

## NeuralNetPlay

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# NNPlayGame -deck : deck -dealerHand : ArrayList<Integer> -dealer : Dealer -playerHand : ArrayList<Integer> -player : Player -winloss : int -winTotal : int -network : network -NNPlayGame(network) +decide(Player player, network network) : int +checkWin(int number, int otherNum) : int +trackWin(): boolean <<create>> NNBlackJack -numTurns: int -newGame : NNPlayGame -networks : ArrayList<network> -total : int -winRate : double -NNBlackjack(int games) +runGame(int) : double +getNetworks() : ArrayList<network>