

CS371 Project Problem Statement

Terry Pratchett was a fantasy writer that was known for creating a wonderful and eccentric world filled with equally wonderful and eccentric characters and one of the games that ran through a lot of his books was the game Cripple Mr. Onion. The game is played with an eight-suit deck of cards including Spades, Clubs, Hearts, Diamonds, Axes, Tridents, Roses, and Doves. The game is played as combination of Blackjack and Poker, the cards are dealt similarly to Blackjack though each player gets 10 cards (5 face up and 5 face down). After being dealt the cards are then treated similarly to Poker in that you look for card combinations, the highest card combination will win, and you can bet any time during your turn.

Right now, in order to play this game, you have two main options, the first one is to buy a specialty deck that comes with all 8 suits though the company that makes this deck is located in the UK as a result the total cost of buying the deck and having it shipped will be about ~ \$17. The second option is to buy two normal decks and modify one of them, though when doing this the card decks must look the same from the back. On top of attempting to get the right type of deck you must also figure out all of the rules that go along with the game, that's where our project idea for this semester comes in.

We want to create a small web server that will host the game as a website that will allow 3-8 players to play. The website will allow the option of playing the game with one of the many game modifiers, similar to versions of poker, like Texas Hold'em.