Team Project: Mississippi Stud Poker GUI

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SUBMITTED TO:

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Included Files:

* src.js: Source code for the program
* PNG-cards-1.3: this folder contains the images for each card
* index.css: This is the stylesheet for the HTML page
* index.html: This is the HTML visuals used by the program
* README.txt: This readme file

Instructions to run:

* To launch the program you just need to open the index.html file in Google Chrome browser (currently animations fully functional only in Chrome)
* Before the cards are dealt both the 3-card bonus and the ante can be changed to whatever value
* the player wants
* Pressing the "Deal" button will deal out the first two cards. The player can then choose to fold or increase
* their bet by 1x, 2x or 3x
* After this the next card is shown and then this process repeats until each card is revealed
* Once all cards are revealed the player will be rewarded based on their final hand
* The cheats menu can be used to play a particular hand simply enter the desired card values of each of the 5 cards
* into the respective fields and click the 'bet' button. Input should be in the form of card rank followed by the suit.
* For example : TH - will be interpreted as 10 of hearts, QS - will be interpreted as Queen of Spades and 5D - will be 5 of diamonds.

Rules of the game:

* At the start of each round the player can do two things before the start of each hand. They can change the ante and their three card bonus.
* Once the player is happy with their ante and bonus they are dealt the first two cards
* After this the player can choose to increase their bid by 1x, 2x or 3x, with each increase revealing a new card
* Once all five cards are revealed the player's wagers are resolved using the following table:

Royal flush . . . . . . . . . . . . . . . . . . 500 to 1

Straight flush . . . . . . . . . . . . . . . . 100 to 1

Four of a kind . . . . . . . . . . . . . . . .40 to 1

Full house . . . . . . . . . . . . . . . . . . .10 to 1

Flush . . . . . . . . . . . . . . . . . . . . . . .6 to 1

Straight . . . . . . . . . . . . . . . . . . . . .4 to 1

Three of a kind . . . . . . . . . . . . . . . 3 to 1

Two pair . . . . . . . . . . . . . . . . . . . . .2 to 1

Jacks or better . . . . . . . . . . . . . . .1 to 1

Pair of 6s to 10s . . . . . . . . . . . . . . Push

- After this use the last 3 cards dealt to resolve the three card bonus using the following table:

Mini Royal...........................50 to 1

Straight Flush.......................40 to 1

Three of a Kind....................30 to 1

Straight...................................6 to 1

Flush.......................................4 to 1

Pair.........................................1 to 1

- After this the hand is complete and the round resets from the beginning

References

Card images: <https://opengameart.org/content/playing-cards-vector-png>

Rules reference: <https://www.table-games-online.com/mississippi-stud/rules.html>