

Poker Game Project

John Tsiglieris, Kien Ngo, Salvador Godinez,
and Bao Than

Project Overview

A multiplayer Texas Hold em poker game playable in the browser.

It's a card game where players bet against who has the best set of cards.

Dealer places cards on the table and players show their cards at the end and see who can build the best set of cards



POKER HAND RANKINGS									
	1	2	3	4	5	6	7	8	9
	A K Q J T	A K Q J T	A K Q J T	A K Q J T	A K Q J T	A K Q J T	A K Q J T	A K Q J T	A K Q J T
ROYAL FLUSH	A-K-Q-J-T, all in the same suit.								
	6 7 8 9 T	6 7 8 9 T	6 7 8 9 T	6 7 8 9 T	6 7 8 9 T	6 7 8 9 T	6 7 8 9 T	6 7 8 9 T	6 7 8 9 T
STRAIGHT FLUSH	Five consecutive cards in the same suit.								
	T T T T A	T T T T A	T T T T A	T T T T A	T T T T A	T T T T A	T T T T A	T T T T A	T T T T A
FOUR OF A KIND	Four cards of the same rank.								
	A A A K K	A A A K K	A A A K K	A A A K K	A A A K K	A A A K K	A A A K K	A A A K K	A A A K K
FULL HOUSE	Three cards of the same rank and two of another.								
	A J 7 5 2	A J 7 5 2	A J 7 5 2	A J 7 5 2	A J 7 5 2	A J 7 5 2	A J 7 5 2	A J 7 5 2	A J 7 5 2
FLUSH	Five cards of the same suit, in any order.								
	4 5 6 7 8	4 5 6 7 8	4 5 6 7 8	4 5 6 7 8	4 5 6 7 8	4 5 6 7 8	4 5 6 7 8	4 5 6 7 8	4 5 6 7 8
STRAIGHT	Five consecutive cards of different suits.								
	8 8 8 A 4	8 8 8 A 4	8 8 8 A 4	8 8 8 A 4	8 8 8 A 4	8 8 8 A 4	8 8 8 A 4	8 8 8 A 4	8 8 8 A 4
THREE OF A KIND	Three cards of the same rank.								
	A A K K 2	A A K K 2	A A K K 2	A A K K 2	A A K K 2	A A K K 2	A A K K 2	A A K K 2	A A K K 2
TWO PAIR	Two cards of one rank and two of another.								
	J J 5 7 2	J J 5 7 2	J J 5 7 2	J J 5 7 2	J J 5 7 2	J J 5 7 2	J J 5 7 2	J J 5 7 2	J J 5 7 2
ONE PAIR	Two cards of the same rank.								
	Q J 6 4 3	Q J 6 4 3	Q J 6 4 3	Q J 6 4 3	Q J 6 4 3	Q J 6 4 3	Q J 6 4 3	Q J 6 4 3	Q J 6 4 3
HIGH CARD	Highest card when no other combination is possible.								

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Technologies

Deployment on Render:

Backend: [Node.js](#), Express.js, Java sockets for real time table updates.

Database: PostgreSQL to maintain game state + player statistics.

Basic JS + CSS for styling and interactivity wherever possible

Features

Mandatory features

- Server will automatically deal two cards to each player and place cards on the table
- A small blind and big blind is chosen.
- Players should be able to place bets in a circle and call/raise/fold.
- Players show cards at the very end.

Nice to have

- Game will maintain data of the statistics of each player (like number of wins for example)
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