

Poker Game Project

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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

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|----|----------------|---|
| 1 | A♥ K♥ Q♥ J♥ T♥ | ROYAL FLUSH A-K-Q-J-T, all in the same suit. |
| 2 | 6♠ 7♠ 8♠ 9♠ T♠ | STRAIGHT FLUSH Five consecutive cards in the same suit. |
| 3 | T♥ T♠ T♦ T♣ A♦ | FOUR OF A KIND Four cards of the same rank. |
| 4 | A♣ A♦ A♥ K♠ K♣ | FULL HOUSE Three cards of the same rank and two of another. |
| 5 | A♠ J♠ 7♠ 5♠ 2♠ | FLUSH Five cards of the same suit, in any order. |
| 6 | 4♠ 5♥ 6♠ 7♥ 8♠ | STRAIGHT Five consecutive cards of different suits. |
| 7 | 8♥ 8♠ 8♦ A♥ 4♥ | THREE OF A KIND Three cards of the same rank. |
| 8 | A♠ A♥ K♠ K♣ 2♠ | TWO PAIR Two cards of one rank and two of another. |
| 9 | J♥ J♠ 5♥ 7♠ 2♥ | ONE PAIR Two cards of the same rank. |
| 10 | Q♠ J♥ 6♠ 4♥ 3♠ | HIGH CARD Highest card when no other combination is possible. |

POKERCOACHING.COM

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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