

Online Poker

Application Overview

This application is the online turn-based version of Poker. It provides an ongoing competitive environment where players join each other for games of poker. Everyone's chip status is available through an online leaderboard so that users know exactly how they rank.

Users

User Type	Description
System Administrator	System administrators have access to all system data and use the system manage the permissions of the users in the system.
Game Host	<p>Game creators create new games. They define the game and rules that others must follow to compete.</p> <p>Most users are Game Hosts unless an Administrator suspends this privilege.</p>
Individual Player	Individual players are participants in games. They use the system to join existing games and view their overall record and the records of others.

Minimum Viable Product

The following User Stories are the functionality required to build the “Minimum Viable Product”.

All must be completed in order for the project to be successfully completed.

Create User

As a User, I need to be able to create an account on the site so that I can be given a pre-determined amount of chips to begin playing poker.

Login

As a registered user of the system, I need the ability to login so that I can see my chip count, and create or join an existing table.

View Rules

As a user, I need the ability to view the rules, so that I know how to play online poker.

Leaderboard

As a user, I need the ability to view a leaderboard of all registered players based on chip count, so that I know where everyone ranks.

Host a Table

As a game host, I need the ability to host a public table, so that others can join and play poker.

Hosting a table includes:

- Identifying # of Available Seats
- Define Min/Max bet

Search and Join a Table

As a registered poker player, I need the ability to search for and join a poker table, so that I can play online poker.

Searching for a table includes:

- Minimum bet
- Player Size
- Host username

Joining a table places the player in first available seat left of the dealer.

Leave Table

As a registered poker player, I need the ability to leave a game of poker that I am currently participating in so that I don't lose all of my chips.

- Leaving a table mid-game forfeits any chips in the pot.

Post Blinds

As a poker player left of the dealer at an active table, I need to post blinds, so that the cards will be dealt.

Deal Texas Holdem Poker

As a poker player at an active table, I need the ability to be dealt 2 cards so that I can play Texas Holdem Poker.

- 3 shared community cards are dealt to the center of the table
- Additional 'flop' card is dealt
- Additional 'turn' card is dealt
- Additional 'river' card is dealt

Play Hand

As a poker player at an active table, I need the ability to check, bet, or fold my hand when it is my turn.

- Bet must meet the table minimum.
- Bet is limited to available chip count.
- Betting continues around the table until all bets are called.

Determine Winner

As a poker player at an active table, who has made it to the last round, I need to know if I have the best hand so that I can take the chips in the pot.

- Adhere to the poker hand rankings.

Log

As a user playing poker, I need to see a log of all bets, raises, and folds that players take so that I can see what happens during each hand.

Run Out of Money

As a user, once my chip count reaches 0, I need to be assigned the default number of chips so that I can continue to play poker.

Optional Features

The following User Stories are ideas for optional features that can be added to the application after all MVP functionality is complete.

System Administration

As a system administrator, I can manage the permissions of other users.

- Users can have their accounts deactivated.
- Users can be restricted from creating new tables.

Friends List

As a user, I need to be able to add other users to a “friends list” so that I can continually see their overall rank and chip counts.

Invite Player

As a User, I need to invite other players from the “friends list” into my table, so that I can play poker with them.

As a user who receives an invite, I can choose to accept it and join the open table.

Chat Functionality (optional)

As a player in a battleship game, I should be able to chat with my opponent. I can send chat messages along with any move that I take or throughout the duration of the game.

View Player Profile (optional)

As a user I can set my own personal profile photo that other players see when playing against me.