

The Most Epicest Poker Game 3000

User Manual

Version 1.0.0

EECS 22L

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GLOSSARY

Royal Flush - The best hand possible, a royal flush consists of A, K, Q, J and 10, all of the same suit.

Straight Flush - Also very rare, a straight flush consists of any straight that is all the same suit

Four of a Kind - Four of a kind, or “quads”, consists of four cards of equal value along with another card known as a side card.

Full House - A full house consists of three cards of one value and two cards of another.

Flush - A flush is a hand which has all cards of the same suit.

Straight - A straight has 5 cards of consecutive value that are not all the same suit.

Three of a Kind - Also known as “trips”, three of a kind is 3 cards of the same value and 2 side cards of different values.

Two Pair - Two pair consists of two cards of equal value, another two cards of equal value, and one extra card.

Pair - One pair consists of two cards of the same value, and three extra cards.

High Card - Five cards that do not interact with each other to make any of the above hands.

Server - Computer system that provides resources.

Port - virtual point where computers connect to.

Client - the person connected to the server that is not a host.

Hostname - name of the host's computer or network.

1 | ONLINE POKER

1.1 Usage scenario

This is an example of how the program works

Main Menu

- > Play Game
- > Settings
- > Exit
- > Quit



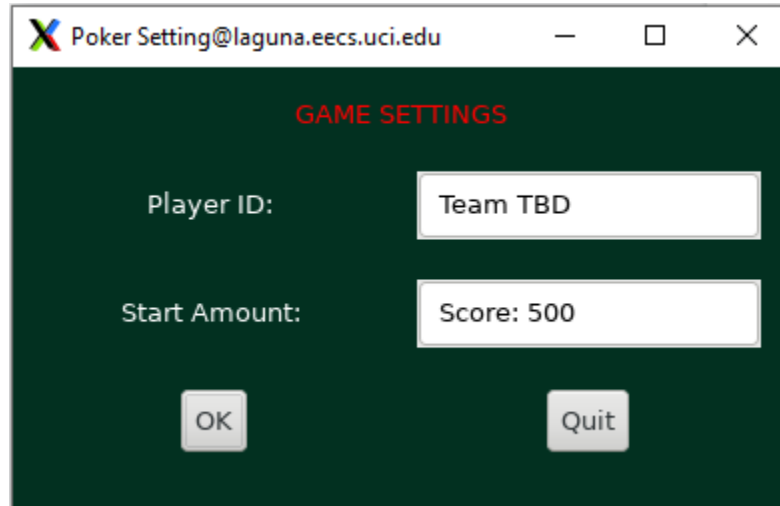
Play Game Window

- > Ready
- > Call
- > Text entry -> Raise
- > Fold
- > Check
- > Quit



Settings Menu

- > Change player ID
- > Change Start amount
 - > OK
 - > Quit



1.2 Goals

- Implement more advance function ie. scoreboard
- Communicate between the server and users
- User interface for poker (GUI)
- Play full game of poker

1.3 Features

- Randomly shuffle cards
- Poker points
- Quick Deposit (points bet)
- Table setting

2 | INSTALLATION

2.1 System requirements

x86-64 bit Linux System

2.2 Setup and configuration

Installation for a binary package

```
% tar -xvzf Poker_V1.0.tar.gz
% evince poker/doc/Poker_UserManual.pdf
% poker/bin/poker
```

Installation for a source code package

```
% tar -xvzf Poker_V1.0.src.tar.gz
% evince poker/doc/Poker_SoftwareSpec.pdf
% cd poker
% make client
% make server
% make test
% make clean
** Server and client cannot be run on same terminal
```

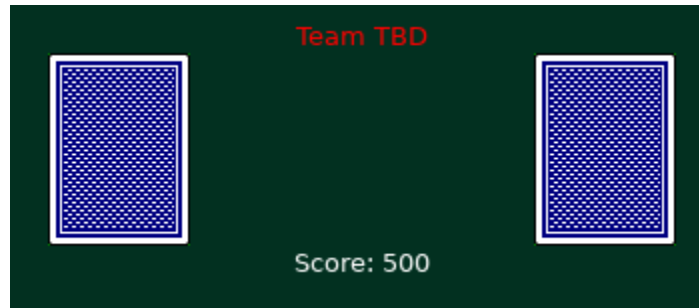
2.3 Uninstalling

```
from
cd ..
rm -rf Poker_V1.0
rm -rf Poker_V1.0.tar.gz
```

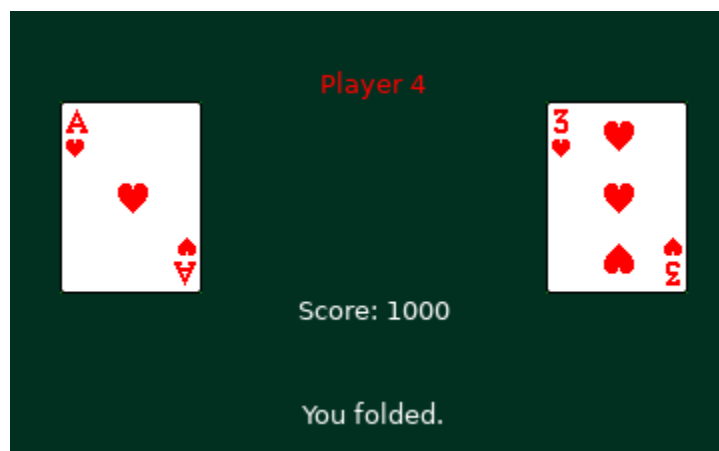
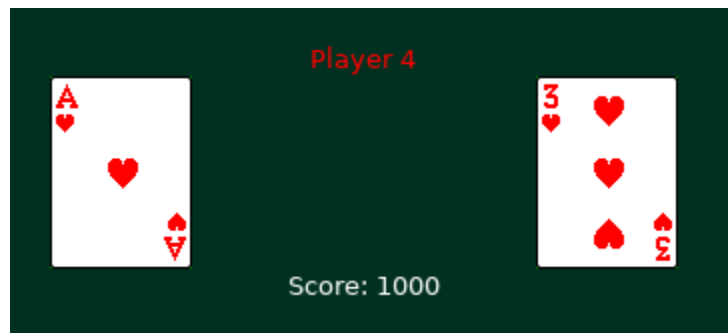
3 | POKER PROGRAM FUNCTIONS AND FEATURES

3.1 Basic Functions

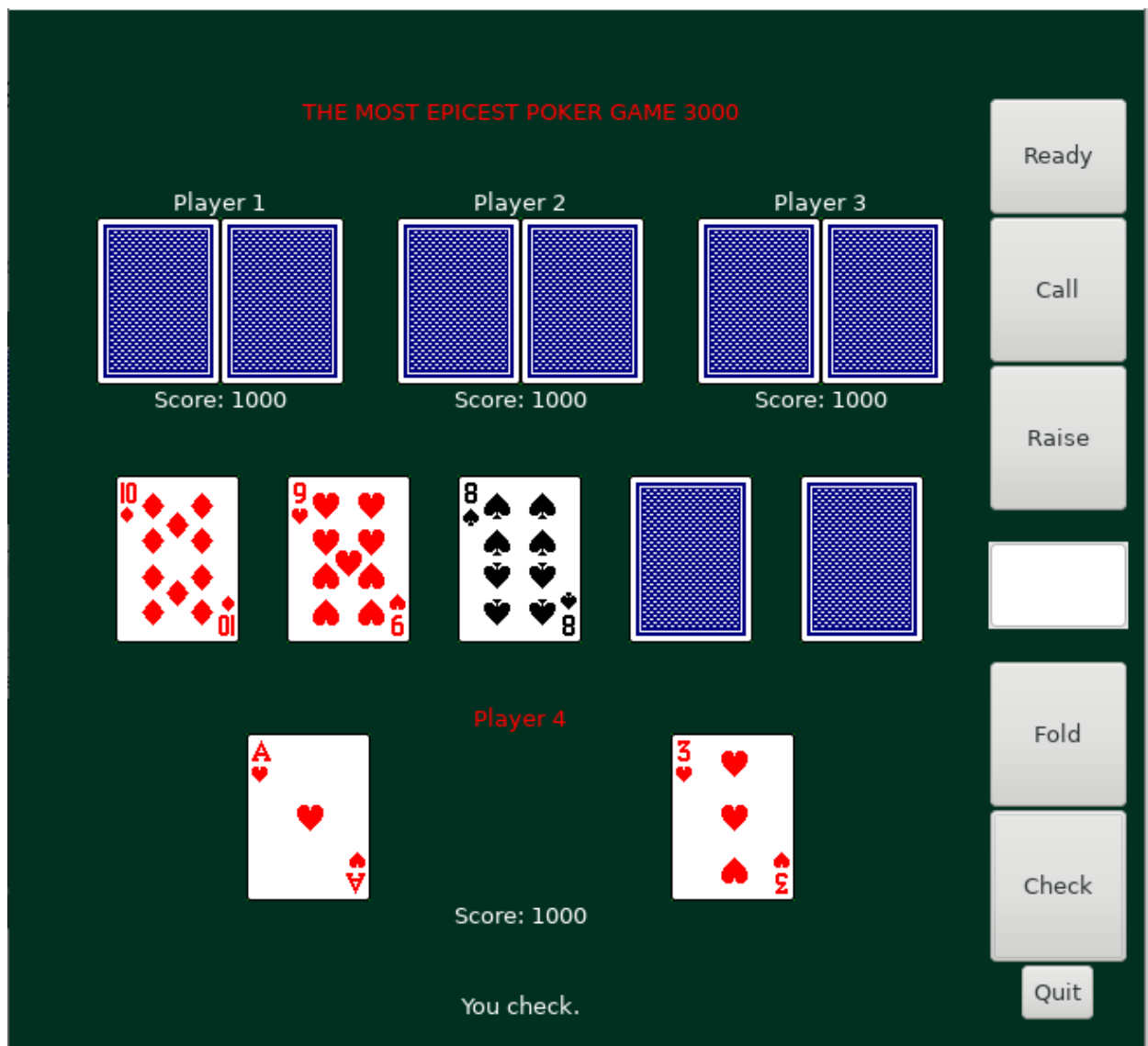
1. Each player should be able to connect with the online poker program and their name should be shown when playing the game.



2. Instantiate an in game currency called Score for each player.
3. Deal the cards to the various players, and also randomly shuffle them. A random player should become the dealer.



4. Maintain accounting for the game
5. Terminate the game by conducting the “showdown” round, and internally calculate who the winner is, the winner should receive the entire in game points in the end.



3.2 Scoreboard

- User input
 - Scores which users earn while playing poker game
- Program output
 - Program will print out the scores on the scoreboard

Back matter

Copyright

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Error messages

- Fatal Error
- Segmentation Fault
- Reading from Socket Failed
- Connection refused

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