CMSC436 Final Project Milestone 1

Sunday, November 8, 2020   7:00 PM

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Group 26 - Poker Cash Game Session Tracker
11/9/2020

Application Concept / Key Functionality / Rough Architecture:

Our poker cash game session tracker app will be used by poker players of all levels and types. This app will provide a single place to document results, track progress and see statistics on your game. Users will be able to filter sessions by a number of different categories such as game (No Limit Texas Hold'Em, Pot Limit Omaha, etc.), date, location, and stakes played for. For example, a player that has recorded multiple sessions at different stakes and locations over a year would be able to see specific data on how well they played 1/2 No Limit Texas Hold'Em in a certain month and/or at a certain location.

The app will produce graphs such as total money made over time, big blinds per hour over time, or even bar graphs showing big blinds per hour by location, stakes, or month/year. The app will also show variance, standard deviation and win-rate numbers over all sessions recorded.

Our app will most likely have three main pages that users will interact with. The "main" page or home page will display the main statistics like overall money made or lost over all sessions as well as big blinds per hour and variance or standard deviation.

The second page will be a page where users can either add a new session or edit a previous session. If adding a session, many boxes will pop up where the user can enter a location, date, results, time played, etc. If editing a session, a scroll view will pop up with most recent sessions at the top where the user can select a session to edit.

The third page will be the page where users can look at graphs of statistics and filter based on certain things such as date, location, stakes, etc. This page will open up with a graph of cash made (or lost) over time for all sessions recorded as a default. The user can then click a button for filter options to pop up and choose. The user can also specify what type of graph they want to see here.

Our app will need a firebase database to keep track of all users and their recorded sessions.

♦♣ **Welcome Username!**♥♠

Career Statistics

Money Made/Lost   **BB/Hour**

+$120.00   +12.00

Sessions Played   **Hours Played**
2   5

Recent Sessions

$1/$2 NLH	Maryland Live!
11/8/2020	+$50.00
$1/$2 NLH	Horseshoe Casino
10/30/2020	+$70.00

Edit	Add Session	Stats

♦♣ **Add Session Here**   ♥♠

Date: 10/30/2020

Location: Horseshoe Casino

Stakes: SB $1   BB $2

Game Type: No Limit Hold'Em

Buy-In Amount: $100

Cash Out Amount: $170

Hours Played: 2.5

Submit Session

♦♣ **Welcome Username!**♥♠

Filter By

BB/Hr ○ Money Made ● By: Location ○

BB/Hr ◯ Money Made ● By: Location ◯

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Edit	Add Session	Home