UML

A screenshot of a computer program

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated

A screenshot of a computer screen

Description automatically generated with medium confidence

Test Run Program

Login

A screenshot of a computer login box

Description automatically generated with medium confidence

When the program starts, this login panel will be shown first. User must use the exact username and password to enter the game program.

A screenshot of a login screen

Description automatically generated with medium confidence

Card Shuffle Animation

A cartoon of a dog

Description automatically generated with medium confidence

After successfully login to the game, the dealer card shuffle animation will be shown for 3 seconds.

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The game will start from here.

Dealer win Scenario

Round 1

Player Card – Spade 8

Dealer Card – Club Jack

The dealer wins this round. So, the dealer calls 10 chips. Player is being asked to follow or quit this round.

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The player chooses to follow. So it goes to round 2. Total bet on table is 20.

Round 2

Dealer wins again . Player decides to follow again.

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Round 3

Total bet on table after round 2 is 40. Player wins this round. Player is being asked to call or quit. If he quits right now, the game will end. If he call the bet, the game will continue.

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The player decides to call the bet. So, player put 50 chips of bet amount.

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The dealer decides to follow the player’s bet. So the game continues to round 4.

Round 4

The dealer wins the round again. This is the final round. Player decides to follow the game. So that total bet on table will be 160chips. After this round, the dealer’s first card will be shown and winner will be announced.

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Finally, dealer wins the game with card value of 44. Dealer takes all the chips on table.

Player Win Scenario

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Game Tie Scenario

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Player Quit

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Player decide to quit and the program will ask for the next game.

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Description automatically generated

If the player chooses yes , new game will be started . if not, the program will be ended here.

Error Handling

Login Check

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If the player use invalid username and password, the program will not allowed to continue.

Bet Check (Integer only)

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Bet amount must be integer. Player cannot put alphabet or other things except integer.

Bet Check ( negative check )

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Description automatically generated with medium confidence

Bet amount must greater than zero. It must not be an negative number.

Bet Check (Greater than chips on hand)

A screenshot of a computer screen

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Player cannot add chips more than he has.

Comment;

User login info are hardcoded in the file.

Login – IcePeak

Password – password