

Software Requirement Specification
Awesome Poker Game
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Functional Requirements:

Necessary Features/Functions to Play the Game

ID: FR1

Story: As a player I want big or small blinds to be able to call, raise, or fold so I can have meaningful gameplay

Estimate: 5

AC:

- There shall be big or small blinds set at the beginning of the match
- The players shall be able to see the blinds
- The players shall be able to choose whether to call, raise, fold, or go all-in as they desire on their turn.

ID: FR2

Story: As a dealer I want to shuffle so I can initiate a new game

Estimate: 3

AC:

- The dealer shall be able to initiate a new game when appropriate based on game rules.
- The dealer shall be able to shuffle the cards at the start of the game.

ID: FR3

Story: As a player I want to buy chips so I can play in the game

Estimate: 2

AC:

- The chips shall have monetary value.
- The player shall be able to choose to purchase chips to play the game.

ID: FR4

Story: As a player I want to be able to play with my chips so I can show my skill

Estimate: 8

AC:

- The player should be able to use the chips during the game

ID: FR5

Story: As a player I want to have a win condition to save the game

Estimate: 3

AC:

- There shall be win conditions for the game
- As per the rules, a player shall be able to win the game based on the win conditionss

ID: FR6

- Story: As a player I want to be able to join a new game with other players so I can play

Estimate: 3

AC:

- The game shall allow for players to join over the network
- Players shall be able to join a networked game from the menu

ID: FR7

Story: As a player I want to be able to see how much money I have so I can make some more game decisions

Estimate: 3

AC:

- There shall be a counter that keeps track of the player's money on display to that player only

ID: FR8

Story: As a dealer I want to kick players so I can keep the game fair

Estimate: 3

AC:

- The dealer shall be able to kick players from the game if they are violating the rules or timing out

ID: FR9

Story: As a player I want to hide cards so I can win

Estimate: 5

AC:

- The player's cards shall be visible to only that player, unless necessary for the game

ID: FR10

Story: As a dealer I want to be able to time-out players so I can ensure forward progress of the game

Estimate: 5

AC:

- The dealer shall be able to time-out players if they have not played within a certain time period

ID: FR11

Story: As a player I want to have a list of options so I can choose what move I want to make

Estimate: 2

AC:

- The game shall display valid moves for the player to make.

ID: FR12

Story: As a player I want to see high scores so I can make the game more competitive

Estimate: 8

AC:

- The game shall have the option to display the high scores

ID: FR13

Story: As a player I want to be able to leave a game and retain the chips I have won or lost so I can build my chip count

Estimate: 3

AC:

- The game shall keep track of the player's chips and display it to them
- The player shall be able to leave the game

ID: FR14

Story: As a dealer I want to rate hands/play/moves based on game rules so I can maintain order allow gameplay

Estimate: 8

AC:

- The dealer shall be able to choose the best hand/play/move the players have made based on the game rules

Necessary Features Outside of Gameplay

ID: FR15

Story: As a player I would like a rule book so I can understand the rules of the game.

Estimate: 3

AC:

- There shall be a rule book available to the player

ID: FR16

Story: As a player I want royalty free music so I can have a better atmosphere

Estimate: 3

AC:

- The game shall have pleasing sounds to improve gameplay experience

Extra Features / To Implement if there is time

ID: FR17

Story: As a player I want to have a main menu and settings so I can customize my playing experience

Estimate: ?

AC:

- The player shall have customizable aspects of the game, accessible from a menu

ID: FR18

Story: As a card I want to change skin so I can look different

Estimate: 1

AC:

- The cards shall be able to have different skins for the players to choose from

ID: FR19

Story: As a spectator I want to spectate so I can learn

Estimate: 5

AC:

- The game shall have a mode in which a player can spectate a game

ID: FR20

Story: As a player I want to chat so I can taunt

Estimate: 8

AC:

- The players shall be able to communicate with each other with text

Removed User Stories

- 20 As a player I want to be able to flip the table so I can rage quit
 - 5 As a player I want to interact with the game so I can play it
 - 20 As a player I want to be able to play against AI so I can practice without using real money
 - 8 As a player I wanted to toriel so I can know how to play
 - 100 As a dev team I want to implement an AI so I can create opponents of various difficulties
 - 5 As a player I want to be able to emote so I can Flex on the haters and express myself
 - 8 As a company we want to advertise gambling addiction so that we can cover our self
 - 0.5 As a company we want to provide access to a gambling addiction hotline so we can protect ourselves from liability
 - 20 As a player I want to have the option of themed decks so I can brag about being cooler than the other players
 - 5 As a player I would like to be able to change my avatar so that I can customize my look in the game
 - 3 As a player I want to change game difficulty so I can create a more challenging game
 - 13 As a player I want to start a game so I can play
 - 8 As a security admin I want to monitor so I can kick players
 - 2 As a dealer I want to switch decks to keep people from counting cards
 - 3 As a player I want to vote on game type initially so I can choose the game I want to play
 - 5 As a player I want to shuffle cards so I can know the randomness.
 - 5 As a dealer I want to be able to shuffle the deck so I can make the game playable
 - 2 As a dealer I want to shuffle so that the cards aren't stacked
 - 2 As a player I want to fold so I don't lose
 - 2 As a player I want to be able to fold so I can stop losing
 - 8 As the cards I want to be dealt to the player so I can be played with
 - 1 As a player I want to know how much money I have so I know when to quit
 - 5 As a player I want to have meaningful card combinations so I can play the game
 - 2 As a player I want to leave the game so I can go home
 - 8 As a player I want to customize game experience so I can personalize the game
 - 13 As a player I will like to set of rules I can play by
 - 2 As a card I want to be dealt so I can be used
 - 5 As a player I want to be able to leave the game so I can rage quit
 - 8 As a player I want to see the cards being dealt so I can understand what is happening
 - 2 As a player I want to be able to call so I can continue playing
 - 8 As a hand I want to have a value so I can know my ranking
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- 2 As a dealer I want to deal cards so I can initiate a new game.
 - 5 As the house I want to be able to change the value of the chips
 - 3 As a player I want to decide what to do on my turn so I can play strategically
 - 1 As a poker chip I want to have a value so I can spend
 - 5 As a player I want to go all-in so I can raise the stakes
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