1. **As a user I would like to be dealt a set of cards for a blackjack game**

A. **# 001**, Successful Game Start, Severity 1

B. Player selects ‘Start Game’

C. User receives 2 face up cards in their hand

1. **As a user I would like to view my own cards**

A. **#002,** Card View, Severity 1

B. Player’s hand is always displayed

C. Contents of players hand is displayed

1. **As a user I would like to be able to “hit” (get another card)**

A. **#003**, Hit Valid, Severity 1

B. Player selects ‘Hit’ option with less than 21 in their hand currently

C. A new card is dealt to the player. If the player did not go over 21, they have the option to hit again.

A. **#004**, Hit Invalid, Severity 1

B. Player selects ‘Hit’ option with 21 or over in their hand

C. Message displayed saying ‘Unable to hit: Current hand >= 21’

1. **As a user I would like to be able to view opponent’s face up card(s)**

A. **#005,** View Cards in Play, Severity 1

B. Opponent’s face up cards are always shown

C. Opponent’s face up cards are always shown

1. **As a user I would like to be able to “split” my cards if they are the same**

A. **#006,** Split Same Value, 2

B. If the two cards you are dealt are the same value, select option to “split” them

C. Should have two separate hands that you can play from

A. **#007**, Split Different Value, 2

B. If the two cards you are dealt have different values, attempt to select option to split them

C. Message pops up saying that you cannot split if your cards are different values

1. **As a user I would like to be able to play against an AI**

A. **#008,** AI Functionality,Severity 3

B. User selects ‘Vs Computer’

C. Game starts, opponent’s turns are governed by AI, AI follows all required rules

1. **As a user I would like to be to win given the win condition of blackjack**

A. **#009,** Win with 21,Severity 1

B. Player gets a “21”, no other player or dealer has 21

C. Player wins and receives pot

A. **#010,** Win with under 21,Severity 1

B. Player gets a total of under 21 but every other player either has over 21, or less than that of the player

C. Player wins and receives pot

A. **#011,** Both “Tie”,Severity 1

B. Player and dealer end up with same score, as long as it is 21 or under

C. Chips are neither won nor lost

A. **#012,** Both “Bust”,Severity 1

B. Player and dealer both get over a 21

C. Player loses the chips bet (Both bust goes to dealer)

1. **As a user I would like to play against multiple levels of AI\*\*\***

A. **#013,** AI Easy, Severity 3

B. User selects ‘Vs Computer’ and then selects difficulty ‘Easy’

C. Game starts, opponent’s turns are governed by appropriate level AI, with a message indicating the AI level of ‘Easy’

A. **#014,** AI Medium, Severity 3

B. User selects ‘Vs Computer’ and then selects difficulty ‘Medium’

C. Game starts, opponent’s turns are governed by appropriate level AI, with a message indicating AI level of ‘Medium’

A. **#015,** AI Hard, Severity 3

B. User selects ‘Vs Computer’ and then selects difficulty ‘Hard’

C. Game starts, opponent’s turns are governed by appropriate level AI, with a message indicating the AI level of ‘Hard’

1. **As a user I would like to be able to play against other human players\*\*\***

A. **#016,** VS Humans, Severity 2

B. User selects ‘Local Game’ from main menu

C. A game is started on the user’s machine, turns rotate from player 1 to player n

1. **As a user I would like to bet chips against my hand\*\*\***

A.**#017,** Regular Chip Bet, Severity 2

B. Player selects ‘Bet’ at the beginning? of their turn, followed by an integer representing the number of chips to bet which is less than or equal to their chip total

C. The player’s bet is added to the pool

A. **#018,** Excessive Chip Bet, Severity 2

B. Player selects ‘Bet’ at the beginning? of their turn, followed by an integer representing the number of chips to bet which is greater than their chip total

C. A message appears notifying the player that they cannot bet more than their chip total

A. **#019,** Undefined Chip Bet, Severity 2

B. Player selects ‘Bet’ at the beginning? of their turn, followed by an integer representing the number of chips to bet which is a negative amount

C. A message appears notifying they cannot bet a negative amount of chips

1. **As a user I would like to play over an internet connected network\*\*\***

A. **#020,** Network Create, Severity 3

B. User selects ‘Network Game’, the user then chooses to ‘Create’ a game, if ‘Join’ then the user inputs the name of the game instance??

C. A game will be started on a remote server in which multiple users can connect to, turns then rotate from player to player as usual

A. **#021,** Network Join, Severity 3

B. User selects ‘Network Game’, the user then chooses to ‘Join’ a game, if ‘Join’ then the user inputs the name of the game instance??

C. Player will join a game that has been started on a remote server in which multiple users can connect to, turns then rotate from player to player as usual

1. **As a user I would like to be able to save my current amount of chips and return to the game at a later time\*\*\***

A. **#022,** Save Progress, Severity 3

B. User selects ‘Save Chips’

C. A file is created containing the user’s current number of chips

A. **#023,** Load Progress Valid, Severity 3

B. User selects ‘Load Progress’

C. Relevant file is opened and number of chips is loaded into the current game

A. **#024,** Load Progress Invalid, Severity 3

B. User selects ‘Load Progress’, no file is found

C. Message displayed saying ‘Error: No chip files found’

1. **As a user I would like to see card dealing and playing animations\*\*\***

A. **#025,**Severity 3

B. User selects ‘Hit’, ‘Split’, or player enters the game

C. Images of cards move across the screen from the dealer’s hand to the player’s hand, or from one pile into two separate piles as necessary for split